# CERTIFICATE

Issued to:

Applicant:
**Jinko Solar Co., Ltd.**
**No.1 Yingbin Road, Economic Development Zone**
**334100 Shangrao City Jiangxi, China**

Licensee:
**Jinko Solar Co., Ltd.**
**No.1 Yingbin Road, Economic Development Zone**
**334100 Shangrao City Jiangxi, China**

| | | |
|---|---|---|
| Product | : | Crystalline Silicon PV Modules |
| Trade name(s) | : | Jinko |
| Type(s)/model(s) | : | PV module with poly/mono c-Si cells |

The product and any acceptable variation thereto as specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:
- an evaluation according to the standard(s) EN IEC 61701:2020 and IEC 61701:2020
- a periodic surveillance
- a DEKRA certification agreement with the number 6063744

DEKRA hereby grants the right to use the DEKRA Seal certification mark.

DEKRA hereby grants the right to use the DEKRA Seal certification mark with the following content:

| | | |
|---|---|---|
| Category | : | Photovoltaic |
| Keyword | : | Salt Mist Resistance |
| Keyword | : | Periodic Factory Inspection |

The DEKRA Seal certification mark may be applied to the product or documentation as specified in this certificate for the duration and under the conditions of the DEKRA Seal certification agreement.

This certificate is issued on 29 August 2023 and expires at the latest on 9 November 2026.

Certificate number: 31-90002-001 REV.7

DEKRA Certification B.V.

B.T.M. Holtus
Managing Director

C. Lin
Certification Manager



31-90002-001

## SPECIFICATION OF THE CERTIFIED PRODUCT

### Product data

| | | |
|---|---|---|
| Product | : | Crystalline Silicon PV Modules |
| Trade name(s) | : | Jinko |
| Type(s)/model(s) | : | JKMSxxxM-60, JKMSxxxM-60-J, JKMSxxxM-60-MX3, JKMSxxxM-60B-MX-V, JKMSxxxM-60B-MX3, JKMSxxxM-60B-TI, JKMSxxxM-60B-V-MX3, JKMSxxxM-60B-V-TI, JKMSxxxM-60BL-MX3, JKMSxxxM-60BL-TI, JKMSxxxM-60BL-V-MX3, JKMSxxxM-60BL-V-TI, JKMSxxxM-60H-MBB-TI, JKMSxxxM-60H-MBB-V-MX3, JKMSxxxM-60H-MBB-V-TI, JKMSxxxM-60H-MX3, JKMSxxxM-60H-TI, JKMSxxxM-60H-V-MX3, JKMSxxxM-60HB-MX3, JKMSxxxM-60HB-TI, JKMSxxxM-60HB-V-MX3, JKMSxxxM-60HBL-MX3, JKMSxxxM-60HBL-MX3-Q, JKMSxxxM-60HBL-TI, JKMSxxxM-60HBL-TI-Q, JKMSxxxM-60HBL-V-MX3, JKMSxxxM-60HL-MX3, JKMSxxxM-60HL-MX3-Q, JKMSxxxM-60HL-TI, JKMSxxxM-60HL-TI-Q, JKMSxxxM-60HL-V-MX3, JKMSxxxM-60HL-V-MX3-Q, JKMSxxxM-60HL-V-TI-Q, JKMSxxxM-60HLM-B-MX3, JKMSxxxM-60HLM-B-V-MX3, JKMSxxxM-60HLM-MX3, JKMSxxxM-60HLM-V-MX3, JKMSxxxM-60L-MX3, JKMSxxxM-60L-TI, JKMSxxxM-60L-V-MX3 and JKMSxxxM-60L-V-TI |
| Test Method | : | 6 |

### Product data – type JKMSxxxM-60

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=270-340, with increments of 5W, 60 cells |

### Product data – type JKMSxxxM-60BL-MX3

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=270-340, with increments of 5W, 60 cells |

### Product data – type JKMSxxxM-60BL-TI

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=270-340, with increments of 5W, 60 cells |

### Product data – type JKMSxxxM-60BL-V-MX3

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=270-340, with increments of 5W, 60 cells |

### Product data – type JKMSxxxM-60BL-V-TI

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=270-340, with increments of 5W, 60 cells |

**Product data – type JKMSxxxM-60B-MX3**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=270-340, with increments of 5W, 60 cells |

**Product data – type JKMSxxxM-60B-MX-V**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=210-350, with increments of 5W, 60 cells |

**Product data – type JKMSxxxM-60B-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=270-340, with increments of 5W, 60 cells |

**Product data – type JKMSxxxM-60B-V-MX3**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=270-340, with increments of 5W, 60 cells |

**Product data – type JKMSxxxM-60B-V-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=270-340, with increments of 5W, 60 cells |

**Product data – type JKMSxxxM-60HBL-MX3**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=270-340, with increments of 5W, 120 half-cut cells |

**Product data – type JKMSxxxM-60HBL-MX3-Q**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=270-340, with increments of 5W, 120 half-cut cells |

**Product data – type JKMSxxxM-60HBL-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=270-350, with increments of 5W, 120 half-cut cells |

**Product data – type JKMSxxxM-60HBL-TI-Q**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=270-350, with increments of 5W, 120 half-cut cells |

**Product data – type JKMSxxxM-60HBL-V-MX3**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=270-340, with increments of 5W, 120 half cut cells |

**Product data – type JKMSxxxM-60HB-MX3**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=270-340, with increments of 5W, 120 half-cut cells |

**Product data – type JKMSxxxM-60HB-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=270-350, with increments of 5W, 120 half-cut cells |

**Product data – type JKMSxxxM-60HB-V-MX3**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=270-340, with increments of 5W, 120 half cut cells |

**Product data – type JKMSxxxM-60HLM-B-MX3**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=350-370, with increments of 5W, 120 half-cut cells |

**Product data – type JKMSxxxM-60HLM-B-V-MX3**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=350-370, with increments of 5W, 120 half cut cells |

**Product data – type JKMSxxxM-60HLM-MX3**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=350-385, with increments of 5W, 120 half-cut cells |

**Product data – type JKMSxxxM-60HLM-V-MX3**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=350-385, with increments of 5W, 120 half cut cells |

**Product data – type JKMSxxxM-60HL-MX3**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=270-340, with increments of 5W, 120 half-cut cells |

**Product data – type JKMSxxxM-60HL-MX3-Q**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=270-340, with increments of 5W, 120 half-cut cells |

**Product data – type JKMSxxxM-60HL-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |

Maximum System voltage : 1000V
Description : xxx=270-350, with increments of 5W, 120 half-cut cells

**Product data – type JKMSxxxM-60HL-TI-Q**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=270-350, with increments of 5W, 120 half-cut cells

**Product data – type JKMSxxxM-60HL-V-MX3**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=270-340, with increments of 5W, 120 half cut cells

**Product data – type JKMSxxxM-60HL-V-MX3-Q**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=270-340, with increments of 5W, 120 half cut cells

**Product data – type JKMSxxxM-60HL-V-TI-Q**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=270-350, with increments of 5W, 120 half cut cells

**Product data – type JKMSxxxM-60H-MBB-TI**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=320-355, with increments of 5W, 120 half-cut cells

**Product data – type JKMSxxxM-60H-MBB-V-MX3**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=320-355, with increments of 5W, 120 half cut cells

**Product data – type JKMSxxxM-60H-MBB-V-TI**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=320-355, with increments of 5W, 120 half cut cells

**Product data – type JKMSxxxM-60H-MX3**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=270-340, with increments of 5W, 120 half-cut cells

**Product data – type JKMSxxxM-60H-TI**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=270-350, with increments of 5W, 120 half-cut cells

**Product data – type JKMSxxxM-60H-V-MX3**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=270-340, with increments of 5W, 120 half cut cells |

**Product data – type JKMSxxxM-60-J**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=270-340, with increments of 5W, 60 cells |

**Product data – type JKMSxxxM-60L-MX3**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=270-340, with increments of 5W, 60 cells |

**Product data – type JKMSxxxM-60L-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=270-340, with increments of 5W, 60 cells |

**Product data – type JKMSxxxM-60L-V-MX3**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=270-340, with increments of 5W, 60 cells |

**Product data – type JKMSxxxM-60L-V-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=270-340, with increments of 5W, 60 cells |

**Product data – type JKMSxxxM-60-MX3**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=270-340, with increments of 5W, 60 cells |

## TESTS

**Test requirements**
EN IEC 61701:2020
IEC 61701:2020

**Test result**
The test results are laid down in DEKRA test file 616159300.

**Additional information**
This certificate replaces certificate No. 31-90002-001 REV.6 which we hereby declare invalid.

The list of components is laid down in test report 6161593B.50.

**Conclusion**
The examination proved that all requirements were met.

**Factory locations**
Jinko Solar (Chuzhou) Co., Ltd.
No. 18 Liming Road, Lai'an Economic Development Zone
239200 Chuzhou City Anhui, China

Jinko Solar (Yiwu) Co., Ltd.
No.1555 Chengxin Road, Niansanli Street
322009 Yiwu City Zhejiang, China

Jinko Solar Co., Ltd.
No. 1 Jinko Road, Shangrao Economic Development Zone
334100 Shangrao City Jiangxi, China

Jinko Solar (Shangrao) Co., Ltd.
No.1, Yingbin Road, Economic Development Zone
334100 Shangrao City Jiangxi, China

Zhejiang Jinko Solar Co., Ltd.
No.58, Yuanxi Road, Yuanhua Town
314416 Haining City, Jiaxing City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Lot 10085, Plot C & D, Jalan Perusahaan, Mukim 1, Seberang Perai Tengah
13600 Perai, Pulau Pinang, Malaysia

Yuhuan Jinko solar Co., Ltd.
No 5. Jinghai Road, Economic development zone
317600 Yuhuan City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Plot 538 Tingkat Perusahaan 4B, Perai Free Trade Zone
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar Technology Sdn. Bhd.
2480 Tingkat Perusahaan, Enam Perai Free Trade Zone
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar (U.S.) Industries Inc.
4660 Pow-Mia Memorial Parkway, Suite 200
Jacksonville FL 32221, United States Of America

Jinko Solar Technology Sdn. Bhd.
Lot 393, Ladang Valdor, Kawasan Perindustrian Valdor
14200 Sungai Jawi, Pulau Pinang, Malaysia

Jiangsu Focus Solar Energy Technology Co., Ltd.
No. 66, Lifa Avenue Development Zone, Hai'an County
226600 Nantong City Jiangsu, China

VIET NAM GREEN ENERGY COMMERCIAL SERVICE S CO., LTD.
LotD1-1, DaiDong-Hoan Son Industrial Zone, Hoan Son Commune
220000 Tien Du District, Bac Ninh, Vietnam

Jinko Solar Technology Sdn. Bhd.
No. 1412, Lorong Perusahaan 1, Kawasan Perusahaan Perai
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar (Haining) Co., Ltd.
No.199, Xinyue Road, Huangwan Town
314415 Haining City Zhejiang, China

Jinko Solar (Feidong) Co., Ltd.
No. 1, southwest corner of the intersection of Longxing Avenue and Shichi Road, Hefei Circular Economy Demonstration Park
231600 Feidong County, Hefei City Anhui, China

Jinko PV (Shangrao Guangxin) Co., Ltd.
No.18, Jian xing road, Chating Economic Development Zone, Guangxin District
334000 Shangrao City Jiangxi, China

Shangrao Jinko Photovoltaic Manufacturing Co., Ltd.
Room2-1,Office Building1-1,South of Development Road,West of Jinko Redouble Increasing Area,Shangrao Economic Development Zone
334100 Shangrao City Jiangxi, China

JINKO SOLAR (VIETNAM) INDUSTRIES COMPANY LIMITED
CN- XL- 6, 11-Song Khoai Industrial Park, Song Khoai Commune
02200 Quang Yen City, Quang Ninh Province, Vietnam

Trade name(s): Jinko stands for

Unique Identifier

# CERTIFICATE

Issued to:

Applicant:
**Jinko Solar Co., Ltd.**
**No.1 Yingbin Road, Economic Development Zone**
**334100 Shangrao City Jiangxi, China**

Licensee:
**Jinko Solar Co., Ltd.**
**No.1 Yingbin Road, Economic Development Zone**
**334100 Shangrao City Jiangxi, China**

| | | |
|---|---|---|
| Product | : | Crystalline Silicon PV Modules |
| Trade name(s) | : | Jinko |
| Type(s)/model(s) | : | PV module with poly/mono c-Si cells |

The product and any acceptable variation thereto as specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:
- an evaluation according to the standard(s) EN IEC 61701:2020 and IEC 61701:2020
- a periodic surveillance
- a DEKRA certification agreement with the number 6063744

DEKRA hereby grants the right to use the DEKRA Seal certification mark.

DEKRA hereby grants the right to use the DEKRA Seal certification mark with the following content:

| | | |
|---|---|---|
| Category | : | Photovoltaic |
| Keyword | : | Salt Mist Resistance |
| Keyword | : | Periodic Factory Inspection |

The DEKRA Seal certification mark may be applied to the product or documentation as specified in this certificate for the duration and under the conditions of the DEKRA Seal certification agreement.

This certificate is issued on 29 August 2023 and expires at the latest on 9 November 2026.

Certificate number: 31-90002-002 REV.7

DEKRA Certification B.V.

B.T.M. Holtus
Managing Director

C. Lin
Certification Manager



31-90002-002

## SPECIFICATION OF THE CERTIFIED PRODUCT

### Product data

| | | |
|---|---|---|
| Product | : | Crystalline Silicon PV Modules |
| Trade name(s) | : | Jinko |
| Type(s)/model(s) | : | JKMSxxxM-60-MX-V, JKMSxxxM-60-TI, JKMSxxxM-60-V, JKMSxxxM-60-V-J, JKMSxxxM-60-V-MX3, JKMSxxxM-60-V-TI, JKMSxxxM-66H-MBB-MX3, JKMSxxxM-66H-MBB-V-MX3, JKMSxxxM-66H-TI, JKMSxxxM-66H-V-TI, JKMSxxxM-66HB-TI, JKMSxxxM-66HB-V-TI, JKMSxxxM-6RL3-B-TI, JKMSxxxM-6RL3-TI, JKMSxxxM-6RL3-V-TI, JKMSxxxM-6TL3-TI, JKMSxxxM-6TL3-V-TI, JKMSxxxM-72, JKMSxxxM-72B-MX3, JKMSxxxM-72B-TI, JKMSxxxM-72B-V-MX3, JKMSxxxM-72B-V-TI, JKMSxxxM-72BL-MX3, JKMSxxxM-72BL-TI, JKMSxxxM-72BL-V-MX3, JKMSxxxM-72BL-V-TI, JKMSxxxM-72HB-MX3, JKMSxxxM-72HB-TI, JKMSxxxM-72HB-V-MX3, JKMSxxxM-72HBL-MX3-Q, JKMSxxxM-72HBL-TI, JKMSxxxM-72HBL-TI-Q, JKMSxxxM-72HBL-V-MX3, JKMSxxxM-72HL-MX3, JKMSxxxM-72HL-MX3-Q, JKMSxxxM-72HL-TI, JKMSxxxM-72HLM-B-MX3, JKMSxxxM-72HLM-B-V-MX3, JKMSxxxM-72HLM-MX3 and JKMSxxxM-72HLM-V-MX3 |
| Test Method | : | 6 |

### Product data – type JKMSxxxM-60-MX-V

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=210-350, with increments of 5W, 60 cells |

### Product data – type JKMSxxxM-60-TI

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=270-340, with increments of 5W, 60 cells |

### Product data – type JKMSxxxM-60-V

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=270-340, with increments of 5W, 60 cells |

### Product data – type JKMSxxxM-60-V-J

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=270-340, with increments of 5W, 60 cells |

### Product data – type JKMSxxxM-60-V-MX3

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=270-340, with increments of 5W, 60 cells |

### Product data – type JKMSxxxM-60-V-TI

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |

Maximum System voltage : 1500V
Description : xxx=270-340, with increments of 5W, 60 cells

**Product data – type JKMSxxxM-66HB-TI**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=340-365, with increments of 5W, 132 half-cut cells

**Product data – type JKMSxxxM-66HB-V-TI**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=340-365, with increments of 5W, 132 half cut cells

**Product data – type JKMSxxxM-66H-MBB-MX3**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=370-390, with increments of 5W, 132 half-cut cells

**Product data – type JKMSxxxM-66H-MBB-V-MX3**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=360-390, with increments of 5W, 132 half cut cells

**Product data – type JKMSxxxM-66H-TI**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=340-390, with increments of 5W, 132 half-cut cells

**Product data – type JKMSxxxM-66H-V-TI**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=340-390, with increments of 5W, 132 half cut cells

**Product data – type JKMSxxxM-6RL3-B-TI**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=360-405, with increments of 5W, 132 half-cut cells

**Product data – type JKMSxxxM-6RL3-TI**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=360-415, with increments of 5W, 132 half-cut cells

**Product data – type JKMSxxxM-6RL3-V-TI**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=360-415, with increments of 5W, 132 half cut cells

**Product data – type JKMSxxxM-6TL3-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=335-380, with increments of 5W, 120 half-cut cells |

**Product data – type JKMSxxxM-6TL3-V-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=335-380, with increments of 5W, 120 half cut cells |

**Product data – type JKMSxxxM-72**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=335-410, with increments of 5W, 72 cells |

**Product data – type JKMSxxxM-72BL-MX3**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=335-395, with increments of 5W, 72 cells |

**Product data – type JKMSxxxM-72BL-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=335-410, with increments of 5W, 72 cells |

**Product data – type JKMSxxxM-72BL-V-MX3**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=335-395, with increments of 5W, 72 cells |

**Product data – type JKMSxxxM-72BL-V-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=335-410, with increments of 5W, 72 cells |

**Product data – type JKMSxxxM-72B-MX3**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=335-395, with increments of 5W, 72 cells |

**Product data – type JKMSxxxM-72B-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=335-410, with increments of 5W, 72 cells |

**Product data – type JKMSxxxM-72B-V-MX3**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=335-395, with increments of 5W, 72 cells |

**Product data – type JKMSxxxM-72B-V-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=335-410, with increments of 5W, 72 cells |

**Product data – type JKMSxxxM-72HBL-MX3-Q**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=335-395, with increments of 5W, 144 half-cut cells |

**Product data – type JKMSxxxM-72HBL-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=335-425, with increments of 5W, 144 half-cut cells |

**Product data – type JKMSxxxM-72HBL-TI-Q**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=335-425, with increments of 5W, 144 half-cut cells |

**Product data – type JKMSxxxM-72HBL-V-MX3**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=335-395, with increments of 5W, 144 half cut cells |

**Product data – type JKMSxxxM-72HB-MX3**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=335-395, with increments of 5W, 144 half-cut cells |

**Product data – type JKMSxxxM-72HB-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=335-425, with increments of 5W, 144 half-cut cells |

**Product data – type JKMSxxxM-72HB-V-MX3**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=335-395, with increments of 5W, 144 half cut cells |

**Product data – type JKMSxxxM-72HLM-B-MX3**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=415-445, with increments of 5W, 144 half-cut cells |

**Product data – type JKMSxxxM-72HLM-B-V-MX3**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |

Maximum System voltage : 1500V
Description : xxx=415-445, with increments of 5W, 144 half cut cells

**Product data – type JKMSxxxM-72HLM-MX3**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=420-465, with increments of 5W, 144 half-cut cells

**Product data – type JKMSxxxM-72HLM-V-MX3**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=400-480, with increments of 5W, 144 half cut cells

**Product data – type JKMSxxxM-72HL-MX3**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=335-395, with increments of 5W, 144 half-cut cells

**Product data – type JKMSxxxM-72HL-MX3-Q**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=335-395, with increments of 5W, 144 half-cut cells

**Product data – type JKMSxxxM-72HL-TI**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=335-425, with increments of 5W, 144 half-cut cells

## TESTS

**Test requirements**
EN IEC 61701:2020
IEC 61701:2020

**Test result**
The test results are laid down in DEKRA test file 616159300.

**Additional information**
This certificate replaces certificate No. 31-90002-002 REV.6 which we hereby declare invalid.

The list of components is laid down in test report 6161593B.50.

**Conclusion**
The examination proved that all requirements were met.

**Factory locations**

Jinko Solar (Chuzhou) Co., Ltd.
No. 18 Liming Road, Lai'an Economic Development Zone
239200 Chuzhou City Anhui, China

Jinko Solar (Yiwu) Co., Ltd.
No.1555 Chengxin Road, Niansanli Street
322009 Yiwu City Zhejiang, China

Jinko Solar Co., Ltd.
No. 1 Jinko Road, Shangrao Economic Development Zone
334100 Shangrao City Jiangxi, China

Jinko Solar (Shangrao) Co., Ltd.
No.1, Yingbin Road, Economic Development Zone
334100 Shangrao City Jiangxi, China

Zhejiang Jinko Solar Co., Ltd.
No.58, Yuanxi Road, Yuanhua Town
314416 Haining City, Jiaxing City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Lot 10085, Plot C & D, Jalan Perusahaan, Mukim 1, Seberang Perai Tengah
13600 Perai, Pulau Pinang, Malaysia

Yuhuan Jinko solar Co., Ltd.
No 5. Jinghai Road, Economic development zone
317600 Yuhuan City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Plot 538 Tingkat Perusahaan 4B, Perai Free Trade Zone
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar Technology Sdn. Bhd.
2480 Tingkat Perusahaan, Enam Perai Free Trade Zone
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar (U.S.) Industries Inc.
4660 Pow-Mia Memorial Parkway, Suite 200
Jacksonville FL 32221, United States Of America

Jinko Solar Technology Sdn. Bhd.
Lot 393, Ladang Valdor, Kawasan Perindustrian Valdor
14200 Sungai Jawi, Pulau Pinang, Malaysia

Jiangsu Focus Solar Energy Technology Co., Ltd.
No. 66, Lifa Avenue Development Zone, Hai'an County
226600 Nantong City Jiangsu, China

VIET NAM GREEN ENERGY COMMERCIAL SERVICE S CO., LTD.
LotD1-1, DaiDong-Hoan Son Industrial Zone, Hoan Son Commune
220000 Tien Du District, Bac Ninh, Vietnam

Jinko Solar Technology Sdn. Bhd.
No. 1412, Lorong Perusahaan 1, Kawasan Perusahaan Perai
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar (Haining) Co., Ltd.
No.199, Xinyue Road, Huangwan Town
314415 Haining City Zhejiang, China

Jinko Solar (Feidong) Co., Ltd.
No. 1, southwest corner of the intersection of Longxing Avenue and Shichi Road, Hefei Circular Economy Demonstration Park
231600 Feidong County, Hefei City Anhui, China

Jinko PV (Shangrao Guangxin) Co., Ltd.
No.18, Jian xing road, Chating Economic Development Zone, Guangxin District
334000 Shangrao City Jiangxi, China

Shangrao Jinko Photovoltaic Manufacturing Co., Ltd.
Room2-1,Office Building1-1,South of Development Road,West of Jinko Redouble Increasing Area,Shangrao Economic Development Zone
334100 Shangrao City Jiangxi, China

JINKO SOLAR (VIETNAM) INDUSTRIES COMPANY LIMITED
CN- XL- 6, 11-Song Khoai Industrial Park, Song Khoai Commune
02200 Quang Yen City, Quang Ninh Province, Vietnam

Trade name(s): Jinko stands for

Unique Identifier

# CERTIFICATE

Issued to:

Applicant:
**Jinko Solar Co., Ltd.**
**No.1 Yingbin Road, Economic Development Zone**
**334100 Shangrao City Jiangxi, China**

Licensee:
**Jinko Solar Co., Ltd.**
**No.1 Yingbin Road, Economic Development Zone**
**334100 Shangrao City Jiangxi, China**

| | | |
|---|---|---|
| Product | : | Crystalline Silicon PV Modules |
| Trade name(s) | : | Jinko |
| Type(s)/model(s) | : | PV module with poly/mono c-Si cells |

The product and any acceptable variation thereto as specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:
- an evaluation according to the standard(s) EN IEC 61701:2020 and IEC 61701:2020
- a periodic surveillance
- a DEKRA certification agreement with the number 6063744

DEKRA hereby grants the right to use the DEKRA Seal certification mark.

DEKRA hereby grants the right to use the DEKRA Seal certification mark with the following content:

| | | |
|---|---|---|
| Category | : | Photovoltaic |
| Keyword | : | Salt Mist Resistance |
| Keyword | : | Periodic Factory Inspection |

The DEKRA Seal certification mark may be applied to the product or documentation as specified in this certificate for the duration and under the conditions of the DEKRA Seal certification agreement.

This certificate is issued on 29 August 2023 and expires at the latest on 9 November 2026.

Certificate number: 31-90002-003 REV.8

DEKRA Certification B.V.

B.T.M. Holtus
Managing Director

C. Lin
Certification Manager



31-90002-003

## SPECIFICATION OF THE CERTIFIED PRODUCT

### Product data

| | | |
|---|---|---|
| Product | : | Crystalline Silicon PV Modules |
| Trade name(s) | : | Jinko |
| Type(s)/model(s) | : | JKMSxxxM-72-J, JKMSxxxM-72-MX3, JKMSxxxM-72-TI, JKMSxxxM-72-V, JKMSxxxM-72-V-J, JKMSxxxM-72-V-MX3, JKMSxxxM-72-V-TI, JKMSxxxM-72H-MBB-MX3, JKMSxxxM-72H-MBB-TI, JKMSxxxM-72H-MBB-V-MX3, JKMSxxxM-72H-MBB-V-TI, JKMSxxxM-72H-MX3, JKMSxxxM-72H-TI, JKMSxxxM-72H-V-MX3, JKMSxxxM-72HL-TI-Q, JKMSxxxM-72HL-V-MX3, JKMSxxxM-72HL-V-MX3-Q, JKMSxxxM-72HL-V-TI-Q, JKMSxxxM-72L-MX3, JKMSxxxM-72L-TI, JKMSxxxM-72L-V-MX3, JKMSxxxM-72L-V-TI, JKMSxxxM-78H-MBB-MX3, JKMSxxxM-78H-MBB-V-MX3, JKMSxxxM-78H-TI, JKMSxxxM-78H-V-TI, JKMSxxxM-78H-V-TI-Q, JKMSxxxM-78HB-TI, JKMSxxxM-78HB-V-TI, JKMSxxxM-7RL3-TI, JKMSxxxM-7RL3-V-TI, JKMSxxxN-60H-MBB-B-TI, JKMSxxxN-60H-MBB-B-V-TI, JKMSxxxN-60H-MBB-TI, JKMSxxxN-60H-MBB-V-TI, JKMSxxxN-6RL3-B-TI, JKMSxxxN-6RL3-B-V-TI, JKMSxxxN-6RL3-TI, JKMSxxxN-6RL3-V-TI, JKMSxxxN-6TL3-B-TI, JKMSxxxN-6TL3-B-V-TI, JKMSxxxN-6TL3-TI, JKMSxxxN-6TL3-V-TI and JKMSxxxN-72H-MBB-B-TI |
| Test Method | : | 6 |

### Product data – type JKMSxxxM-72HL-TI-Q

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=335-425, with increments of 5W, 144 half-cut cells |

### Product data – type JKMSxxxM-72HL-V-MX3

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=335-395, with increments of 5W, 144 half cut cells |

### Product data – type JKMSxxxM-72HL-V-MX3-Q

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=335-395, with increments of 5W, 144 half cut cells |

### Product data – type JKMSxxxM-72HL-V-TI-Q

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=335-425, with increments of 5W, 144 half cut cells |

### Product data – type JKMSxxxM-72H-MBB-MX3

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=385-425, with increments of 5W, 144 half-cut cells |

**Product data – type JKMSxxxM-72H-MBB-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=385-425, with increments of 5W, 144 half-cut cells |

**Product data – type JKMSxxxM-72H-MBB-V-MX3**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=385-425, with increments of 5W, 144 half cut cells |

**Product data – type JKMSxxxM-72H-MBB-V-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=385-425, with increments of 5W, 144 half cut cells |

**Product data – type JKMSxxxM-72H-MX3**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=335-395, with increments of 5W, 144 half-cut cells |

**Product data – type JKMSxxxM-72H-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=335-425, with increments of 5W, 144 half-cut cells |

**Product data – type JKMSxxxM-72H-V-MX3**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=335-395, with increments of 5W, 144 half cut cells |

**Product data – type JKMSxxxM-72-J**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=335-410, with increments of 5W, 72 cells |

**Product data – type JKMSxxxM-72L-MX3**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=335-395, with increments of 5W, 72 cells |

**Product data – type JKMSxxxM-72L-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=335-410, with increments of 5W, 72 cells |

**Product data – type JKMSxxxM-72L-V-MX3**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |

Description : xxx=335-395, with increments of 5W, 72 cells

**Product data – type JKMSxxxM-72L-V-TI**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=335-410, with increments of 5W, 72 cells

**Product data – type JKMSxxxM-72-MX3**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=335-395, with increments of 5W, 72 cells

**Product data – type JKMSxxxM-72-TI**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=335-410, with increments of 5W, 72 cells

**Product data – type JKMSxxxM-72-V**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=335-410, with increments of 5W, 72 cells

**Product data – type JKMSxxxM-72-V-J**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=335-410, with increments of 5W, 72 cells

**Product data – type JKMSxxxM-72-V-MX3**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=335-395, with increments of 5W, 72 cells

**Product data – type JKMSxxxM-72-V-TI**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=335-410, with increments of 5W, 72 cells

**Product data – type JKMSxxxM-78HB-TI**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=405-435, with increments of 5W, 156 half-cut cells

**Product data – type JKMSxxxM-78HB-V-TI**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=405-435, with increments of 5W, 156 half cut cells

**Product data – type JKMSxxxM-78H-MBB-MX3**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=440-465, with increments of 5W, 156 half-cut cells |

**Product data – type JKMSxxxM-78H-MBB-V-MX3**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=440-465, with increments of 5W, 156 half cut cells |

**Product data – type JKMSxxxM-78H-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=405-465, with increments of 5W, 156 half-cut cells |

**Product data – type JKMSxxxM-78H-V-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=405-465, with increments of 5W, 156 half cut cells |

**Product data – type JKMSxxxM-78H-V-TI-Q**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=405-465, with increments of 5W, 156 half cut cells |

**Product data – type JKMSxxxM-7RL3-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=430-495, with increments of 5W, 156 half-cut cells |

**Product data – type JKMSxxxM-7RL3-V-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=430-495, with increments of 5W, 156 half cut cells |

**Product data – type JKMSxxxN-60H-MBB-B-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=315-330, with increments of 5W, 120 half-cut cells |

**Product data – type JKMSxxxN-60H-MBB-B-V-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=315-330, with increments of 5W, 120 half cut cells |

**Product data – type JKMSxxxN-60H-MBB-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=320-350, with increments of 5W, 120 half-cut cells |

**Product data – type JKMSxxxN-60H-MBB-V-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=320-350, with increments of 5W, 120 half cut cells |

**Product data – type JKMSxxxN-6RL3-B-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=360-425, with increments of 5W, 132 half-cut cells |

**Product data – type JKMSxxxN-6RL3-B-V-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=360-405, with increments of 5W, 132 half cut cells |

**Product data – type JKMSxxxN-6RL3-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=360-420, with increments of 5W, 132 half-cut cells |

**Product data – type JKMSxxxN-6RL3-V-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=360-420, with increments of 5W, 132 half cut cells |

**Product data – type JKMSxxxN-6TL3-B-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=320-385, with increments of 5W, 120 half-cut cells |

**Product data – type JKMSxxxN-6TL3-B-V-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=320-365, with increments of 5W, 120 half cut cells |

**Product data – type JKMSxxxN-6TL3-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=335-390, with increments of 5W, 120 half-cut cells |

**Product data – type JKMSxxxN-6TL3-V-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=335-390, with increments of 5W, 120 half cut cells |

**Product data – type JKMSxxxN-72H-MBB-B-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |

Maximum System voltage : 1000V
Description : xxx=380-400, with increments of 5W, 144 half-cut cells

## TESTS

### Test requirements
EN IEC 61701:2020
IEC 61701:2020

### Test result
The test results are laid down in DEKRA test file 616159300.

### Additional information
This certificate replaces certificate No. 31-90002-003 REV.7 which we hereby declare invalid.

The list of components is laid down in test report 6161593B.50.

### Conclusion
The examination proved that all requirements were met.

### Factory locations
Jinko Solar (Chuzhou) Co., Ltd.
No. 18 Liming Road, Lai'an Economic Development Zone
239200 Chuzhou City Anhui, China

Jinko Solar (Yiwu) Co., Ltd.
No.1555 Chengxin Road, Niansanli Street
322009 Yiwu City Zhejiang, China

Jinko Solar Co., Ltd.
No. 1 Jinko Road, Shangrao Economic Development Zone
334100 Shangrao City Jiangxi, China

Jinko Solar (Shangrao) Co., Ltd.
No.1, Yingbin Road, Economic Development Zone
334100 Shangrao City Jiangxi, China

Zhejiang Jinko Solar Co., Ltd.
No.58, Yuanxi Road, Yuanhua Town
314416 Haining City, Jiaxing City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Lot 10085, Plot C & D, Jalan Perusahaan, Mukim 1, Seberang Perai Tengah
13600 Perai, Pulau Pinang, Malaysia

Yuhuan Jinko solar Co., Ltd.
No 5. Jinghai Road, Economic development zone
317600 Yuhuan City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Plot 538 Tingkat Perusahaan 4B, Perai Free Trade Zone
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar Technology Sdn. Bhd.
2480 Tingkat Perusahaan, Enam Perai Free Trade Zone
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar (U.S.) Industries Inc.
4660 Pow-Mia Memorial Parkway, Suite 200
Jacksonville FL 32221, United States Of America

Jinko Solar Technology Sdn. Bhd.
Lot 393, Ladang Valdor, Kawasan Perindustrian Valdor
14200 Sungai Jawi, Pulau Pinang, Malaysia

Jiangsu Focus Solar Energy Technology Co., Ltd.
No. 66, Lifa Avenue Development Zone, Hai'an County
226600 Nantong City Jiangsu, China

VIET NAM GREEN ENERGY COMMERCIAL SERVICE S CO., LTD.
LotD1-1, DaiDong-Hoan Son Industrial Zone, Hoan Son Commune
220000 Tien Du District, Bac Ninh, Vietnam

Jinko Solar Technology Sdn. Bhd.
No. 1412, Lorong Perusahaan 1, Kawasan Perusahaan Perai
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar (Haining) Co., Ltd.
No.199, Xinyue Road, Huangwan Town
314415 Haining City Zhejiang, China

Jinko Solar (Feidong) Co., Ltd.
No. 1, southwest corner of the intersection of Longxing Avenue and Shichi Road, Hefei Circular Economy Demonstration Park
231600 Feidong County, Hefei City Anhui, China

Jinko PV (Shangrao Guangxin) Co., Ltd.
No.18, Jian xing road, Chating Economic Development Zone, Guangxin District
334000 Shangrao City Jiangxi, China

Shangrao Jinko Photovoltaic Manufacturing Co., Ltd.
Room2-1,Office Building1-1,South of Development Road,West of Jinko Redouble Increasing Area,Shangrao Economic Development Zone
334100 Shangrao City Jiangxi, China

JINKO SOLAR (VIETNAM) INDUSTRIES COMPANY LIMITED
CN- XL- 6, 11-Song Khoai Industrial Park, Song Khoai Commune
02200 Quang Yen City, Quang Ninh Province, Vietnam

Trade name(s): Jinko stands for

Unique Identifier

# CERTIFICATE

Issued to:

Applicant:
**Jinko Solar Co., Ltd.**
**No.1 Yingbin Road, Economic Development Zone**
**334100 Shangrao City Jiangxi, China**

Licensee:
**Jinko Solar Co., Ltd.**
**No.1 Yingbin Road, Economic Development Zone**
**334100 Shangrao City Jiangxi, China**

| | | |
|---|---|---|
| Product | : | Crystalline Silicon PV Modules |
| Trade name(s) | : | Jinko |
| Type(s)/model(s) | : | PV module with poly/mono c-Si cells |

The product and any acceptable variation thereto as specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:
- an evaluation according to the standard(s) EN IEC 61701:2020 and IEC 61701:2020
- a periodic surveillance
- a DEKRA certification agreement with the number 6063744

DEKRA hereby grants the right to use the DEKRA Seal certification mark.

DEKRA hereby grants the right to use the DEKRA Seal certification mark with the following content:

| | | |
|---|---|---|
| Category | : | Photovoltaic |
| Keyword | : | Salt Mist Resistance |
| Keyword | : | Periodic Factory Inspection |

The DEKRA Seal certification mark may be applied to the product or documentation as specified in this certificate for the duration and under the conditions of the DEKRA Seal certification agreement.

This certificate is issued on 29 August 2023 and expires at the latest on 11 November 2026.

Certificate number: 31-90002-004 REV.7

DEKRA Certification B.V.

B.T.M. Holtus
Managing Director

C. Lin
Certification Manager



31-90002-004

## SPECIFICATION OF THE CERTIFIED PRODUCT

### Product data

| | | |
|---|---|---|
| Product | : | Crystalline Silicon PV Modules |
| Trade name(s) | : | Jinko |
| Type(s)/model(s) | : | JKMSxxxN-72H-MBB-TI, JKMSxxxN-72H-MBB-V-TI, JKMSxxxN-7RL3-B-TI, JKMSxxxN-7RL3-TI, JKMSxxxN-7RL3-V-TI, JKMSxxxPP-60, JKMSxxxPP-60(Plus)-J4, JKMSxxxPP-60B-MX3, JKMSxxxPP-60B-V-MX3, JKMSxxxPP-60BL-MX3, JKMSxxxPP-60BL-V-MX3, JKMSxxxPP-60H-MX3, JKMSxxxPP-60H-V-MX3, JKMSxxxPP-60HB-MX3, JKMSxxxPP-60HB-V-MX3, JKMSxxxPP-60HBL-MX3, JKMSxxxPP-60HBL-V-MX3, JKMSxxxPP-60HL-MX3 and JKMSxxxPP-60HL-V-MX3 |
| Test Method | : | 6 |

### Product data – type JKMSxxxN-72H-MBB-TI

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=385-425, with increments of 5W, 144 half-cut cells |

### Product data – type JKMSxxxN-72H-MBB-V-TI

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=385-425, with increments of 5W, 144 half cut cells |

### Product data – type JKMSxxxN-7RL3-B-TI

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=425-480, with increments of 5W, 156 half-cut cells |

### Product data – type JKMSxxxN-7RL3-TI

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=430-500, with increments of 5W, 156 half-cut cells |

### Product data – type JKMSxxxN-7RL3-V-TI

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=430-500, with increments of 5W, 156 half cut cells |

### Product data – type JKMSxxxPP-60

| | | |
|---|---|---|
| Design | : | PV module with poly c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=260-290, with increments of 5W, 60 cells |

### Product data – type JKMSxxxPP-60(Plus)-J4

| | | |
|---|---|---|
| Design | : | PV module with poly c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=210-325, with increments of 5W, 60 cells |

**Product data – type JKMSxxxPP-60BL-MX3**

| | | |
|---|---|---|
| Design | : | PV module with poly c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=260-290, with increments of 5W, 60 cells |

**Product data – type JKMSxxxPP-60BL-V-MX3**

| | | |
|---|---|---|
| Design | : | PV module with poly c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=260-290, with increments of 5W, 60 cells |

**Product data – type JKMSxxxPP-60B-MX3**

| | | |
|---|---|---|
| Design | : | PV module with poly c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=260-290, with increments of 5W, 60 cells |

**Product data – type JKMSxxxPP-60B-V-MX3**

| | | |
|---|---|---|
| Design | : | PV module with poly c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=260-290, with increments of 5W, 60 cells |

**Product data – type JKMSxxxPP-60HBL-MX3**

| | | |
|---|---|---|
| Design | : | PV module with poly c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=260-315, with increments of 5W, 120 half cut cells |

**Product data – type JKMSxxxPP-60HBL-V-MX3**

| | | |
|---|---|---|
| Design | : | PV module with poly c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=260-315, with increments of 5W, 120 half cut cells |

**Product data – type JKMSxxxPP-60HB-MX3**

| | | |
|---|---|---|
| Design | : | PV module with poly c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=260-315, with increments of 5W, 120 half cut cells |

**Product data – type JKMSxxxPP-60HB-V-MX3**

| | | |
|---|---|---|
| Design | : | PV module with poly c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=260-315, with increments of 5W, 120 half cut cells |

**Product data – type JKMSxxxPP-60HL-MX3**

| | | |
|---|---|---|
| Design | : | PV module with poly c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=260-315, with increments of 5W, 120 half cut cells |

**Product data – type JKMSxxxPP-60HL-V-MX3**

| | | |
|---|---|---|
| Design | : | PV module with poly c-Si cells |

Maximum System voltage : 1500V
Description : xxx=260-315, with increments of 5W, 120 half cut cells

**Product data – type JKMSxxxPP-60H-MX3**
Design : PV module with poly c-Si cells
Maximum System voltage : 1000V
Description : xxx=260-315, with increments of 5W, 120 half cut cells

**Product data – type JKMSxxxPP-60H-V-MX3**
Design : PV module with poly c-Si cells
Maximum System voltage : 1500V
Description : xxx=260-315, with increments of 5W, 120 half cut cells

## TESTS

**Test requirements**
EN IEC 61701:2020
IEC 61701:2020

**Test result**
The test results are laid down in DEKRA test file 616159300.

**Additional information**
This certificate replaces certificate No. 31-90002-004 REV.6 which we hereby declare invalid.

The list of components is laid down in test report 6161593B.50.

**Conclusion**
The examination proved that all requirements were met.

**Factory locations**
Jinko Solar (Chuzhou) Co., Ltd.
No. 18 Liming Road, Lai'an Economic Development Zone
239200 Chuzhou City Anhui, China

Jinko Solar (Yiwu) Co., Ltd.
No.1555 Chengxin Road, Niansanli Street
322009 Yiwu City Zhejiang, China

Jinko Solar Co., Ltd.
No. 1 Jinko Road, Shangrao Economic Development Zone
334100 Shangrao City Jiangxi, China

Jinko Solar (Shangrao) Co., Ltd.
No.1, Yingbin Road, Economic Development Zone
334100 Shangrao City Jiangxi, China

Zhejiang Jinko Solar Co., Ltd.
No.58, Yuanxi Road, Yuanhua Town
314416 Haining City, Jiaxing City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Lot 10085, Plot C & D, Jalan Perusahaan, Mukim 1, Seberang Perai Tengah
13600 Perai, Pulau Pinang, Malaysia

Yuhuan Jinko solar Co., Ltd.
No 5. Jinghai Road, Economic development zone
317600 Yuhuan City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Plot 538 Tingkat Perusahaan 4B, Perai Free Trade Zone
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar Technology Sdn. Bhd.
2480 Tingkat Perusahaan, Enam Perai Free Trade Zone
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar (U.S.) Industries Inc.
4660 Pow-Mia Memorial Parkway, Suite 200
Jacksonville FL 32221, United States Of America

Jinko Solar Technology Sdn. Bhd.
Lot 393, Ladang Valdor, Kawasan Perindustrian Valdor
14200 Sungai Jawi, Pulau Pinang, Malaysia

Jiangsu Focus Solar Energy Technology Co., Ltd.
No. 66, Lifa Avenue Development Zone, Hai'an County
226600 Nantong City Jiangsu, China

VIET NAM GREEN ENERGY COMMERCIAL SERVICE S CO., LTD.
LotD1-1, DaiDong-Hoan Son Industrial Zone, Hoan Son Commune
220000 Tien Du District, Bac Ninh, Vietnam

Jinko Solar Technology Sdn. Bhd.
No. 1412, Lorong Perusahaan 1, Kawasan Perusahaan Perai
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar (Haining) Co., Ltd.
No.199, Xinyue Road, Huangwan Town
314415 Haining City Zhejiang, China

Jinko Solar (Feidong) Co., Ltd.
No. 1, southwest corner of the intersection of Longxing Avenue and Shichi Road, Hefei Circular Economy Demonstration Park
231600 Feidong County, Hefei City Anhui, China

Jinko PV (Shangrao Guangxin) Co., Ltd.
No.18, Jian xing road, Chating Economic Development Zone, Guangxin District
334000 Shangrao City Jiangxi, China

Shangrao Jinko Photovoltaic Manufacturing Co., Ltd.
Room2-1,Office Building1-1,South of Development Road,West of Jinko Redouble Increasing Area,Shangrao Economic Development Zone
334100 Shangrao City Jiangxi, China

JINKO SOLAR (VIETNAM) INDUSTRIES COMPANY LIMITED
CN- XL- 6, 11-Song Khoai Industrial Park, Song Khoai Commune
02200 Quang Yen City, Quang Ninh Province, Vietnam

Trade name(s): Jinko stands for

Unique Identifier

# CERTIFICATE

Issued to:

Applicant:
**Jinko Solar Co., Ltd.**
**No.1 Yingbin Road, Economic Development Zone**
**334100 Shangrao City Jiangxi, China**

Licensee:
**Jinko Solar Co., Ltd.**
**No.1 Yingbin Road, Economic Development Zone**
**334100 Shangrao City Jiangxi, China**

| | | |
|---|---|---|
| Product | : | Crystalline Silicon PV Modules |
| Trade name(s) | : | Jinko |
| Type(s)/model(s) | : | PV module with poly/mono c-Si cells |

The product and any acceptable variation thereto as specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:
- an evaluation according to the standard(s) EN IEC 61701:2020 and IEC 61701:2020
- a periodic surveillance
- a DEKRA certification agreement with the number 6063744

DEKRA hereby grants the right to use the DEKRA Seal certification mark.

DEKRA hereby grants the right to use the DEKRA Seal certification mark with the following content:

| | | |
|---|---|---|
| Category | : | Photovoltaic |
| Keyword | : | Salt Mist Resistance |
| Keyword | : | Periodic Factory Inspection |

The DEKRA Seal certification mark may be applied to the product or documentation as specified in this certificate for the duration and under the conditions of the DEKRA Seal certification agreement.

This certificate is issued on 29 August 2023 and expires at the latest on 19 November 2026.

Certificate number: 31-90002-005 REV.7

DEKRA Certification B.V.

B.T.M. Holtus
Managing Director

C. Lin
Certification Manager



31-90002-005

## SPECIFICATION OF THE CERTIFIED PRODUCT

### Product data

| | | |
|---|---|---|
| Product | : | Crystalline Silicon PV Modules |
| Trade name(s) | : | Jinko |
| Type(s)/model(s) | : | JKMSxxxPP-60-J, JKMSxxxPP-60-MX3, JKMSxxxPP-60-V, JKMSxxxPP-60-V-J, JKMSxxxPP-60-V-MX3, JKMSxxxPP-60L-MX3, JKMSxxxPP-60L-V-MX3, JKMSxxxPP-72, JKMSxxxPP-72-J, JKMSxxxPP-72-MX3, JKMSxxxPP-72B-MX3, JKMSxxxPP-72B-V-MX3, JKMSxxxPP-72BL-MX3, JKMSxxxPP-72BL-V-MX3, JKMSxxxPP-72H-V-MX3, JKMSxxxPP-72HB-MX3, JKMSxxxPP-72HB-V-MX3, JKMSxxxPP-72HBL-MX3, JKMSxxxPP-72HBL-V-MX3, JKMSxxxPP-72HL-MX3, JKMSxxxPP-72HL-V-MX3, JKMSxxxPP-72L-MX3 and JKMSxxxPP-72L-V-MX3 |
| Test Method | : | 6 |

### Product data – type JKMSxxxPP-60-J

| | | |
|---|---|---|
| Design | : | PV module with poly c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=260-290, with increments of 5W, 60 cells |

### Product data – type JKMSxxxPP-60L-MX3

| | | |
|---|---|---|
| Design | : | PV module with poly c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=260-290, with increments of 5W, 60 cells |

### Product data – type JKMSxxxPP-60L-V-MX3

| | | |
|---|---|---|
| Design | : | PV module with poly c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=260-290, with increments of 5W, 60 cells |

### Product data – type JKMSxxxPP-60-MX3

| | | |
|---|---|---|
| Design | : | PV module with poly c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=260-290, with increments of 5W, 60 cells |

### Product data – type JKMSxxxPP-60-V

| | | |
|---|---|---|
| Design | : | PV module with poly c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=260-290, with increments of 5W, 60 cells |

### Product data – type JKMSxxxPP-60-V-J

| | | |
|---|---|---|
| Design | : | PV module with poly c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=260-290, with increments of 5W, 60 cells |

### Product data – type JKMSxxxPP-60-V-MX3

| | | |
|---|---|---|
| Design | : | PV module with poly c-Si cells |
| Maximum System voltage | : | 1500V |

Description : xxx=260-290, with increments of 5W, 60 cells

**Product data – type JKMSxxxPP-72**
Design : PV module with poly c-Si cells
Maximum System voltage : 1000V
Description : xxx=320-355, with increments of 5W, 72 cells

**Product data – type JKMSxxxPP-72BL-MX3**
Design : PV module with poly c-Si cells
Maximum System voltage : 1000V
Description : xxx=320-355, with increments of 5W, 72 cells

**Product data – type JKMSxxxPP-72BL-V-MX3**
Design : PV module with poly c-Si cells
Maximum System voltage : 1500V
Description : xxx=320-355, with increments of 5W, 72 cells

**Product data – type JKMSxxxPP-72B-MX3**
Design : PV module with poly c-Si cells
Maximum System voltage : 1000V
Description : xxx=320-355, with increments of 5W, 72 cells

**Product data – type JKMSxxxPP-72B-V-MX3**
Design : PV module with poly c-Si cells
Maximum System voltage : 1500V
Description : xxx=320-355, with increments of 5W, 72 cells

**Product data – type JKMSxxxPP-72HBL-MX3**
Design : PV module with poly c-Si cells
Maximum System voltage : 1000V
Description : xxx=330-380, with increments of 5W, 144 half cut cells

**Product data – type JKMSxxxPP-72HBL-V-MX3**
Design : PV module with poly c-Si cells
Maximum System voltage : 1500V
Description : xxx=330-380, with increments of 5W, 144 half cut cells

**Product data – type JKMSxxxPP-72HB-MX3**
Design : PV module with poly c-Si cells
Maximum System voltage : 1000V
Description : xxx=330-380, with increments of 5W, 144 half cut cells

**Product data – type JKMSxxxPP-72HB-V-MX3**
Design : PV module with poly c-Si cells
Maximum System voltage : 1500V
Description : xxx=330-380, with increments of 5W, 144 half cut cells

**Product data – type JKMSxxxPP-72HL-MX3**

| | | |
|---|---|---|
| Design | : | PV module with poly c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=330-380, with increments of 5W, 144 half cut cells |

**Product data – type JKMSxxxPP-72HL-V-MX3**

| | | |
|---|---|---|
| Design | : | PV module with poly c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=330-380, with increments of 5W, 144 half cut cells |

**Product data – type JKMSxxxPP-72H-V-MX3**

| | | |
|---|---|---|
| Design | : | PV module with poly c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=330-380, with increments of 5W, 144 half cut cells |

**Product data – type JKMSxxxPP-72-J**

| | | |
|---|---|---|
| Design | : | PV module with poly c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=320-355, with increments of 5W, 72 cells |

**Product data – type JKMSxxxPP-72L-MX3**

| | | |
|---|---|---|
| Design | : | PV module with poly c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=320-355, with increments of 5W, 72 cells |

**Product data – type JKMSxxxPP-72L-V-MX3**

| | | |
|---|---|---|
| Design | : | PV module with poly c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=320-355, with increments of 5W, 72 cells |

**Product data – type JKMSxxxPP-72-MX3**

| | | |
|---|---|---|
| Design | : | PV module with poly c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=250-390, with increments of 5W, 72 cells |

## TESTS

**Test requirements**
EN IEC 61701:2020
IEC 61701:2020

**Test result**
The test results are laid down in DEKRA test file 616159300.

**Additional information**
This certificate replaces certificate No. 31-90002-005 REV.6 which we hereby declare invalid.

The list of components is laid down in test report 6161593B.50.

**Conclusion**
The examination proved that all requirements were met.

**Factory locations**
Jinko Solar (Chuzhou) Co., Ltd.
No. 18 Liming Road, Lai'an Economic Development Zone
239200 Chuzhou City Anhui, China

Jinko Solar (Yiwu) Co., Ltd.
No.1555 Chengxin Road, Niansanli Street
322009 Yiwu City Zhejiang, China

Jinko Solar Co., Ltd.
No. 1 Jinko Road, Shangrao Economic Development Zone
334100 Shangrao City Jiangxi, China

Jinko Solar (Shangrao) Co., Ltd.
No.1, Yingbin Road, Economic Development Zone
334100 Shangrao City Jiangxi, China

Zhejiang Jinko Solar Co., Ltd.
No.58, Yuanxi Road, Yuanhua Town
314416 Haining City, Jiaxing City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Lot 10085, Plot C & D, Jalan Perusahaan, Mukim 1, Seberang Perai Tengah
13600 Perai, Pulau Pinang, Malaysia

Yuhuan Jinko solar Co., Ltd.
No 5. Jinghai Road, Economic development zone
317600 Yuhuan City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Plot 538 Tingkat Perusahaan 4B, Perai Free Trade Zone
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar Technology Sdn. Bhd.
2480 Tingkat Perusahaan, Enam Perai Free Trade Zone
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar (U.S.) Industries Inc.
4660 Pow-Mia Memorial Parkway, Suite 200
Jacksonville FL 32221, United States Of America

Jinko Solar Technology Sdn. Bhd.
Lot 393, Ladang Valdor, Kawasan Perindustrian Valdor
14200 Sungai Jawi, Pulau Pinang, Malaysia

Jiangsu Focus Solar Energy Technology Co., Ltd.
No. 66, Lifa Avenue Development Zone, Hai'an County
226600 Nantong City Jiangsu, China

VIET NAM GREEN ENERGY COMMERCIAL SERVICE S CO., LTD.
LotD1-1, DaiDong-Hoan Son Industrial Zone, Hoan Son Commune
220000 Tien Du District, Bac Ninh, Vietnam

Jinko Solar Technology Sdn. Bhd.
No. 1412, Lorong Perusahaan 1, Kawasan Perusahaan Perai
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar (Haining) Co., Ltd.
No.199, Xinyue Road, Huangwan Town
314415 Haining City Zhejiang, China

Jinko Solar (Feidong) Co., Ltd.
No. 1, southwest corner of the intersection of Longxing Avenue and Shichi Road, Hefei Circular Economy Demonstration Park
231600 Feidong County, Hefei City Anhui, China

Jinko PV (Shangrao Guangxin) Co., Ltd.
No.18, Jian xing road, Chating Economic Development Zone, Guangxin District
334000 Shangrao City Jiangxi, China

Shangrao Jinko Photovoltaic Manufacturing Co., Ltd.
Room2-1,Office Building1-1,South of Development Road,West of Jinko Redouble Increasing Area,Shangrao Economic Development Zone
334100 Shangrao City Jiangxi, China

JINKO SOLAR (VIETNAM) INDUSTRIES COMPANY LIMITED
CN- XL- 6, 11-Song Khoai Industrial Park, Song Khoai Commune
02200 Quang Yen City, Quang Ninh Province, Vietnam

Trade name(s): Jinko stands for

Unique Identifier

# CERTIFICATE

Issued to:

Applicant:
**Jinko Solar Co., Ltd.**
**No.1 Yingbin Road, Economic Development Zone**
**334100 Shangrao City Jiangxi, China**

Licensee:
**Jinko Solar Co., Ltd.**
**No.1 Yingbin Road, Economic Development Zone**
**334100 Shangrao City Jiangxi, China**

| | | |
|---|---|---|
| Product | : | Crystalline Silicon PV Modules |
| Trade name(s) | : | Jinko |
| Type(s)/model(s) | : | PV module with poly/mono c-Si cells |

The product and any acceptable variation thereto as specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:
- an evaluation according to the standard(s) EN IEC 61701:2020 and IEC 61701:2020
- a periodic surveillance
- a DEKRA certification agreement with the number 6063744

DEKRA hereby grants the right to use the DEKRA Seal certification mark.

DEKRA hereby grants the right to use the DEKRA Seal certification mark with the following content:

| | | |
|---|---|---|
| Category | : | Photovoltaic |
| Keyword | : | Salt Mist Resistance |
| Keyword | : | Periodic Factory Inspection |

The DEKRA Seal certification mark may be applied to the product or documentation as specified in this certificate for the duration and under the conditions of the DEKRA Seal certification agreement.

This certificate is issued on 29 August 2023 and expires at the latest on 19 November 2026.

Certificate number: 31-90002-006 REV.7

DEKRA Certification B.V.

B.T.M. Holtus
Managing Director

C. Lin
Certification Manager



31-90002-006

## SPECIFICATION OF THE CERTIFIED PRODUCT

### Product data

| | | |
|---|---|---|
| Product | : | Crystalline Silicon PV Modules |
| Trade name(s) | : | Jinko |
| Type(s)/model(s) | : | JKMSxxxPP-72-V, JKMSxxxPP-72-V-J, JKMSxxxPP-72-V-MX3, JKMxxxM-36H, JKMxxxM-54HL4, JKMxxxM-54HL4-B, JKMxxxM-54HL4-B-V, JKMxxxM-54HL4-TV, JKMxxxM-54HL4-V, JKMxxxM-5RL4, JKMxxxM-5RL4-B, JKMxxxM-5RL4-B-V, JKMxxxM-5RL4-TV, JKMxxxM-5RL4-V, JKMxxxM-60, JKMxxxM-60(Plus), JKMxxxM-60(Plus)-V, JKMxxxM-60B, JKMxxxM-60B-V, JKMxxxM-60BL, JKMxxxM-60BL-V, JKMxxxM-60H, JKMxxxM-60HB, JKMxxxM-60HB-V, JKMxxxM-60HBL, JKMxxxM-60HBL-Q, JKMxxxM-60HBL-V, JKMxxxM-60HL, JKMxxxM-60HL-Q, JKMxxxM-60HL-T, JKMxxxM-60HL-T-Q, JKMxxxM-60HL-TV, JKMxxxM-60HL-TV-Q, JKMxxxM-60HL-V, JKMxxxM-60HL-V-Q, JKMxxxM-60HL4, JKMxxxM-60HL4-B, JKMxxxM-60HL4-B-V, JKMxxxM-60HL4-TV, JKMxxxM-60HL4-V, JKMxxxM-60HLM, JKMxxxM-60HLM-B, JKMxxxM-60HLM-B-V, JKMxxxM-60HLM-TV and JKMxxxM-60HLM-V |
| Test Method | : | 6 |

### Product data – type JKMSxxxPP-72-V

| | | |
|---|---|---|
| Design | : | PV module with poly c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=320-355, with increments of 5W, 72 cells |

### Product data – type JKMSxxxPP-72-V-J

| | | |
|---|---|---|
| Design | : | PV module with poly c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=320-355, with increments of 5W, 72 cells |

### Product data – type JKMSxxxPP-72-V-MX3

| | | |
|---|---|---|
| Design | : | PV module with poly c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=320-355, with increments of 5W, 72 cells |

### Product data – type JKMxxxM-36H

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=195-205, with increments of 5W, 72 half-cut cells |

### Product data – type JKMxxxM-54HL4

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=360-430, with increments of 5W, 108 half-cut cells |

### Product data – type JKMxxxM-54HL4-B

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |

Description : xxx=380-425, with increments of 5W, 108 half-cut cells

**Product data – type JKMxxxM-54HL4-B-V**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=380-400, with increments of 5W, 108 half cut cells

**Product data – type JKMxxxM-54HL4-TV**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=345-410,with increments of 5W, 108 half cut cells

**Product data – type JKMxxxM-54HL4-V**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=345-430, with increments of 5W, 108 half cut cells

**Product data – type JKMxxxM-5RL4**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=375-435, with increments of 5W, 108 half-cut cells

**Product data – type JKMxxxM-5RL4-B**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=375-430, with increments of 5W, 108 half-cut cells

**Product data – type JKMxxxM-5RL4-B-V**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=375-395, with increments of 5W, 108 half cut cells

**Product data – type JKMxxxM-5RL4-TV**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=345-405, with increments of 5W, 108 half cut cells

**Product data – type JKMxxxM-5RL4-V**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=345-435, with increments of 5W, 108 half cut cells

**Product data – type JKMxxxM-60**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=270-340, with increments of 5W, 60 cells

**Product data – type JKMxxxM-60(Plus)**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=270-340, with increments of 5W, 60 cells |

**Product data – type JKMxxxM-60(Plus)-V**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=270-340, with increments of 5W, 60 cells |

**Product data – type JKMxxxM-60B**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=270-340, with increments of 5W, 60 cells |

**Product data – type JKMxxxM-60BL**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=270-340, with increments of 5W, 60 cells |

**Product data – type JKMxxxM-60BL-V**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=270-340, with increments of 5W, 60 cells |

**Product data – type JKMxxxM-60B-V**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=270-340, with increments of 5W, 60 cells |

**Product data – type JKMxxxM-60H**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=270-350, with increments of 5W, 120 half-cut cells |

**Product data – type JKMxxxM-60HB**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=270-350, with increments of 5W, 120 half-cut cells |

**Product data – type JKMxxxM-60HBL**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=270-350, with increments of 5W, 120 half-cut cells |

**Product data – type JKMxxxM-60HBL-Q**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=270-375, with increments of 5W, 120 half-cut cells |

**Product data – type JKMxxxM-60HBL-V**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=270-350, with increments of 5W, 120 half cut cells |

**Product data – type JKMxxxM-60HB-V**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=270-350, with increments of 5W, 120 half cut cells |

**Product data – type JKMxxxM-60HL**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=270-350, with increments of 5W, 120 half-cut cells |

**Product data – type JKMxxxM-60HL4**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=400-485, with increments of 5W, 120 half-cut cells |

**Product data – type JKMxxxM-60HL4-B**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=425-445, with increments of 5W, 120 half-cut cells |

**Product data – type JKMxxxM-60HL4-B-V**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=425-445, with increments of 5W, 120 half cut cells |

**Product data – type JKMxxxM-60HL4-TV**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=385-455, with increments of 5W, 120 half cut cells |

**Product data – type JKMxxxM-60HL4-V**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=385-485, with increments of 5W, 120 half cut cells |

**Product data – type JKMxxxM-60HLM**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=350-385, with increments of 5W, 120 half-cut cells |

**Product data – type JKMxxxM-60HLM-B**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |

Maximum System voltage : 1000V
Description : xxx=350-370, with increments of 5W, 120 half-cut cells

**Product data – type JKMxxxM-60HLM-B-V**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=350-370, with increments of 5W, 120 half cut cells

**Product data – type JKMxxxM-60HLM-TV**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=355-380, with increments of 5W, 120 half cut cells

**Product data – type JKMxxxM-60HLM-V**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=335-400, with increments of 5W, 120 half cut cells

**Product data – type JKMxxxM-60HL-Q**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=270-350, with increments of 5W, 120 half-cut cells

**Product data – type JKMxxxM-60HL-T**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=315-355, with increments of 5W, 120 half-cut cells

**Product data – type JKMxxxM-60HL-T-Q**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=315-335, with increments of 5W, 120 half-cut cells

**Product data – type JKMxxxM-60HL-TV**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=300-375, with increments of 5W, 120 half cut cells

**Product data – type JKMxxxM-60HL-TV-Q**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=315-355, with increments of 5W, 120 half cut cells

**Product data – type JKMxxxM-60HL-V**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=210-350, with increments of 5W, 120 half cut cells

**Product data – type JKMxxxM-60HL-V-Q**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=210-375, with increments of 5W, 120 half cut cells |

## TESTS

**Test requirements**
EN IEC 61701:2020
IEC 61701:2020

**Test result**
The test results are laid down in DEKRA test file 616159300.

**Additional information**
This certificate replaces certificate No. 31-90002-006 REV.6 which we hereby declare invalid.

The list of components is laid down in test report 6161593B.50.

**Conclusion**
The examination proved that all requirements were met.

**Factory locations**
Jinko Solar (Chuzhou) Co., Ltd.
No. 18 Liming Road, Lai'an Economic Development Zone
239200 Chuzhou City Anhui, China

Jinko Solar (Yiwu) Co., Ltd.
No.1555 Chengxin Road, Niansanli Street
322009 Yiwu City Zhejiang, China

Jinko Solar Co., Ltd.
No. 1 Jinko Road, Shangrao Economic Development Zone
334100 Shangrao City Jiangxi, China

Jinko Solar (Shangrao) Co., Ltd.
No.1, Yingbin Road, Economic Development Zone
334100 Shangrao City Jiangxi, China

Zhejiang Jinko Solar Co., Ltd.
No.58, Yuanxi Road, Yuanhua Town
314416 Haining City, Jiaxing City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Lot 10085, Plot C & D, Jalan Perusahaan, Mukim 1, Seberang Perai Tengah
13600 Perai, Pulau Pinang, Malaysia

Yuhuan Jinko solar Co., Ltd.
No 5. Jinghai Road, Economic development zone
317600 Yuhuan City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Plot 538 Tingkat Perusahaan 4B, Perai Free Trade Zone
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar Technology Sdn. Bhd.
2480 Tingkat Perusahaan, Enam Perai Free Trade Zone
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar (U.S.) Industries Inc.
4660 Pow-Mia Memorial Parkway, Suite 200
Jacksonville FL 32221, United States Of America

Jinko Solar Technology Sdn. Bhd.
Lot 393, Ladang Valdor, Kawasan Perindustrian Valdor
14200 Sungai Jawi, Pulau Pinang, Malaysia

Jiangsu Focus Solar Energy Technology Co., Ltd.
No. 66, Lifa Avenue Development Zone, Hai'an County
226600 Nantong City Jiangsu, China

VIET NAM GREEN ENERGY COMMERCIAL SERVICE S CO., LTD.
LotD1-1, DaiDong-Hoan Son Industrial Zone, Hoan Son Commune
220000 Tien Du District, Bac Ninh, Vietnam

Jinko Solar Technology Sdn. Bhd.
No. 1412, Lorong Perusahaan 1, Kawasan Perusahaan Perai
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar (Haining) Co., Ltd.
No.199, Xinyue Road, Huangwan Town
314415 Haining City Zhejiang, China

Jinko Solar (Feidong) Co., Ltd.
No. 1, southwest corner of the intersection of Longxing Avenue and Shichi Road, Hefei Circular Economy Demonstration Park
231600 Feidong County, Hefei City Anhui, China

Jinko PV (Shangrao Guangxin) Co., Ltd.
No.18, Jian xing road, Chating Economic Development Zone, Guangxin District
334000 Shangrao City Jiangxi, China

Shangrao Jinko Photovoltaic Manufacturing Co., Ltd.
Room2-1,Office Building1-1,South of Development Road,West of Jinko Redouble Increasing Area,Shangrao Economic Development Zone
334100 Shangrao City Jiangxi, China

JINKO SOLAR (VIETNAM) INDUSTRIES COMPANY LIMITED
CN- XL- 6, 11-Song Khoai Industrial Park, Song Khoai Commune
02200 Quang Yen City, Quang Ninh Province, Vietnam

Trade name(s): Jinko stands for

Unique Identifier

# CERTIFICATE

Issued to:

Applicant:
**Jinko Solar Co., Ltd.**
**No.1 Yingbin Road, Economic Development Zone**
**334100 Shangrao City Jiangxi, China**

Licensee:
**Jinko Solar Co., Ltd.**
**No.1 Yingbin Road, Economic Development Zone**
**334100 Shangrao City Jiangxi, China**

| | | |
|---|---|---|
| Product | : | Crystalline Silicon PV Modules |
| Trade name(s) | : | Jinko |
| Type(s)/model(s) | : | PV module with poly/mono c-Si cells |

The product and any acceptable variation thereto as specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:
- an evaluation according to the standard(s) EN IEC 61701:2020 and IEC 61701:2020
- a periodic surveillance
- a DEKRA certification agreement with the number 6063744

DEKRA hereby grants the right to use the DEKRA Seal certification mark.

DEKRA hereby grants the right to use the DEKRA Seal certification mark with the following content:

| | | |
|---|---|---|
| Category | : | Photovoltaic |
| Keyword | : | Salt Mist Resistance |
| Keyword | : | Periodic Factory Inspection |

The DEKRA Seal certification mark may be applied to the product or documentation as specified in this certificate for the duration and under the conditions of the DEKRA Seal certification agreement.

This certificate is issued on 29 August 2023 and expires at the latest on 19 November 2026.

Certificate number: 31-90002-007 REV.7

DEKRA Certification B.V.

B.T.M. Holtus
Managing Director

C. Lin
Certification Manager



31-90002-007

## SPECIFICATION OF THE CERTIFIED PRODUCT

### Product data

| | | |
|---|---|---|
| Product | : | Crystalline Silicon PV Modules |
| Trade name(s) | : | Jinko |
| Type(s)/model(s) | : | JKMxxxM-60-V, JKMxxxM-60-V-J, JKMxxxM-60H-MBB, JKMxxxM-60H-MBB-T, JKMxxxM-60H-MBB-TV, JKMxxxM-60H-MBB-V, JKMxxxM-60H-T, JKMxxxM-60H-TV, JKMxxxM-60H-V, JKMxxxM-60L, JKMxxxM-60L-V, JKMxxxM-66H, JKMxxxM-66H-MBB, JKMxxxM-66H-MBB-V, JKMxxxM-66H-T, JKMxxxM-66H-TV, JKMxxxM-66H-TV-Q, JKMxxxM-66H-V, JKMxxxM-66H-V-Q, JKMxxxM-66HB, JKMxxxM-66HB-V, JKMxxxM-66HL4, JKMxxxM-66HL4-B, JKMxxxM-66HL4-B-V, JKMxxxM-66HL4-TV, JKMxxxM-66HL4-V, JKMxxxM-6RL3, JKMxxxM-6RL3-B, JKMxxxM-6RL3-B-V, JKMxxxM-6RL3-J, JKMxxxM-6RL3-T, JKMxxxM-6RL3-T-J, JKMxxxM-6RL3-TV, JKMxxxM-6RL3-TV-J, JKMxxxM-6RL3-V, JKMxxxM-6RL3-V-J, JKMxxxM-6RL4, JKMxxxM-6RL4-B, JKMxxxM-6RL4-B-V, JKMxxxM-6RL4-TV, JKMxxxM-6RL4-V, JKMxxxM-6TL3, JKMxxxM-6TL3-B, JKMxxxM-6TL3-B-V, JKMxxxM-6TL3-T, JKMxxxM-6TL3-TV, JKMxxxM-6TL3-V and JKMxxxM-6TL4 |
| Test Method | : | 6 |

### Product data – type JKMxxxM-60H-MBB

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=320-355, with increments of 5W, 120 half-cut cells |

### Product data – type JKMxxxM-60H-MBB-T

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=320-335, with increments of 5W, 120 half-cut cells |

### Product data – type JKMxxxM-60H-MBB-TV

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=320-360, with increments of 5W, 120 half cut cells |

### Product data – type JKMxxxM-60H-MBB-V

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=320-365, with increments of 5W, 120 half cut cells |

### Product data – type JKMxxxM-60H-T

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=315-355, with increments of 5W, 120 half-cut cells |

### Product data – type JKMxxxM-60H-TV

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |

Description : xxx=300-375, with increments of 5W, 120 half cut cells

**Product data – type JKMxxxM-60H-V**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=210-350, with increments of 5W, 120 half cut cells

**Product data – type JKMxxxM-60L**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=270-340, with increments of 5W, 60 cells

**Product data – type JKMxxxM-60L-V**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=270-340, with increments of 5W, 60 cells

**Product data – type JKMxxxM-60-V**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=270-340, with increments of 5W, 60 cells

**Product data – type JKMxxxM-60-V-J**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=210-350, with increments of 5W, 60 cells

**Product data – type JKMxxxM-66H**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=340-390, with increments of 5W, 132 half-cut cells

**Product data – type JKMxxxM-66HB**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=340-365, with increments of 5W, 132 half-cut cells

**Product data – type JKMxxxM-66HB-V**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=340-365, with increments of 5W, 132 half cut cells

**Product data – type JKMxxxM-66HL4**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=440-505, with increments of 5W, 132 half-cut cells

**Product data – type JKMxxxM-66HL4-B**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=465-490, with increments of 5W, 132 half-cut cells |

**Product data – type JKMxxxM-66HL4-B-V**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=465-490, with increments of 5W, 132 half cut cells |

**Product data – type JKMxxxM-66HL4-TV**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=425-505, with increments of 5W, 132 half cut cells |

**Product data – type JKMxxxM-66HL4-V**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=425-505, with increments of 5W, 132 half cut cells |

**Product data – type JKMxxxM-66H-MBB**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=370-390, with increments of 5W, 132 half-cut cells |

**Product data – type JKMxxxM-66H-MBB-V**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=360-390, with increments of 5W, 132 half cut cells |

**Product data – type JKMxxxM-66H-T**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=340-385, with increments of 5W, 132 half-cut cells |

**Product data – type JKMxxxM-66H-TV**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=340-385, with increments of 5W, 132 half cut cells |

**Product data – type JKMxxxM-66H-TV-Q**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=340-395, with increments of 5W, 132 half cut cells |

**Product data – type JKMxxxM-66H-V**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=340-390, with increments of 5W, 132 half cut cells |

**Product data – type JKMxxxM-66H-V-Q**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=340-380, with increments of 5W, 132 half cut cells |

**Product data – type JKMxxxM-6RL3**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=360-415, with increments of 5W, 132 half-cut cells |

**Product data – type JKMxxxM-6RL3-B**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=360-405, with increments of 5W, 132 half-cut cells |

**Product data – type JKMxxxM-6RL3-B-V**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=360-405, with increments of 5W, 132 half cut cells |

**Product data – type JKMxxxM-6RL3-J**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=360-415, with increments of 5W, 132 half-cut cells |

**Product data – type JKMxxxM-6RL3-T**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=355-400, with increments of 5W, 132 half-cut cells |

**Product data – type JKMxxxM-6RL3-T-J**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=355-400, with increments of 5W, 132 half-cut cells |

**Product data – type JKMxxxM-6RL3-TV**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=355-400, with increments of 5W, 132 half cut cells |

**Product data – type JKMxxxM-6RL3-TV-J**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=355-400, with increments of 5W, 132 half cut cells |

**Product data – type JKMxxxM-6RL3-V**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |

Maximum System voltage : 1500V
Description : xxx=360-415, with increments of 5W, 132 half cut cells

**Product data – type JKMxxxM-6RL3-V-J**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=360-415, with increments of 5W, 132 half cut cells

**Product data – type JKMxxxM-6RL4**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=455-495, with increments of 5W, 132 half-cut cells

**Product data – type JKMxxxM-6RL4-B**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=455-485, with increments of 5W, 132 half-cut cells

**Product data – type JKMxxxM-6RL4-B-V**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=455-485, with increments of 5W, 132 half cut cells

**Product data – type JKMxxxM-6RL4-TV**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=425-495, with increments of 5W, 132 half cut cells

**Product data – type JKMxxxM-6RL4-V**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=425-495, with increments of 5W, 132 half cut cells

**Product data – type JKMxxxM-6TL3**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=335-380, with increments of 5W, 120 half-cut cells

**Product data – type JKMxxxM-6TL3-B**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=320-365, with increments of 5W, 120 half-cut cells

**Product data – type JKMxxxM-6TL3-B-V**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=320-365, with increments of 5W, 120 half cut cells

**Product data – type JKMxxxM-6TL3-T**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=325-365, with increments of 5W, 120 half-cut cells |

**Product data – type JKMxxxM-6TL3-TV**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=325-365, with increments of 5W, 120 half cut cells |

**Product data – type JKMxxxM-6TL3-V**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=335-380, with increments of 5W, 120 half cut cells |

**Product data – type JKMxxxM-6TL4**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=415-450, with increments of 5W, 120 half-cut cells |

## TESTS

**Test requirements**
EN IEC 61701:2020
IEC 61701:2020

**Test result**
The test results are laid down in DEKRA test file 616159300.

**Additional information**
This certificate replaces certificate No. 31-90002-007 REV.6 which we hereby declare invalid.

The list of components is laid down in test report 6161593B.50.

**Conclusion**
The examination proved that all requirements were met.

**Factory locations**
Jinko Solar (Chuzhou) Co., Ltd.
No. 18 Liming Road, Lai'an Economic Development Zone
239200 Chuzhou City Anhui, China

Jinko Solar (Yiwu) Co., Ltd.
No.1555 Chengxin Road, Niansanli Street
322009 Yiwu City Zhejiang, China

Jinko Solar Co., Ltd.
No. 1 Jinko Road, Shangrao Economic Development Zone
334100 Shangrao City Jiangxi, China

Jinko Solar (Shangrao) Co., Ltd.
No.1, Yingbin Road, Economic Development Zone
334100 Shangrao City Jiangxi, China

Zhejiang Jinko Solar Co., Ltd.
No.58, Yuanxi Road, Yuanhua Town
314416 Haining City, Jiaxing City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Lot 10085, Plot C & D, Jalan Perusahaan, Mukim 1, Seberang Perai Tengah
13600 Perai, Pulau Pinang, Malaysia

Yuhuan Jinko solar Co., Ltd.
No 5. Jinghai Road, Economic development zone
317600 Yuhuan City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Plot 538 Tingkat Perusahaan 4B, Perai Free Trade Zone
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar Technology Sdn. Bhd.
2480 Tingkat Perusahaan, Enam Perai Free Trade Zone
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar (U.S.) Industries Inc.
4660 Pow-Mia Memorial Parkway, Suite 200
Jacksonville FL 32221, United States Of America

Jinko Solar Technology Sdn. Bhd.
Lot 393, Ladang Valdor, Kawasan Perindustrian Valdor
14200 Sungai Jawi, Pulau Pinang, Malaysia

Jiangsu Focus Solar Energy Technology Co., Ltd.
No. 66, Lifa Avenue Development Zone, Hai'an County
226600 Nantong City Jiangsu, China

VIET NAM GREEN ENERGY COMMERCIAL SERVICE S CO., LTD.
LotD1-1, DaiDong-Hoan Son Industrial Zone, Hoan Son Commune
220000 Tien Du District, Bac Ninh, Vietnam

Jinko Solar Technology Sdn. Bhd.
No. 1412, Lorong Perusahaan 1, Kawasan Perusahaan Perai
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar (Haining) Co., Ltd.
No.199, Xinyue Road, Huangwan Town
314415 Haining City Zhejiang, China

Jinko Solar (Feidong) Co., Ltd.
No. 1, southwest corner of the intersection of Longxing Avenue and Shichi Road, Hefei Circular Economy Demonstration Park
231600 Feidong County, Hefei City Anhui, China

Jinko PV (Shangrao Guangxin) Co., Ltd.
No.18, Jian xing road, Chating Economic Development Zone, Guangxin District
334000 Shangrao City Jiangxi, China

Shangrao Jinko Photovoltaic Manufacturing Co., Ltd.
Room2-1,Office Building1-1,South of Development Road,West of Jinko Redouble Increasing Area,Shangrao Economic Development Zone
334100 Shangrao City Jiangxi, China

JINKO SOLAR (VIETNAM) INDUSTRIES COMPANY LIMITED
CN- XL- 6, 11-Song Khoai Industrial Park, Song Khoai Commune
02200 Quang Yen City, Quang Ninh Province, Vietnam

Trade name(s): Jinko stands for

Unique Identifier

# CERTIFICATE

Issued to:

Applicant:
**Jinko Solar Co., Ltd.**
**No.1 Yingbin Road, Economic Development Zone**
**334100 Shangrao City Jiangxi, China**

Licensee:
**Jinko Solar Co., Ltd.**
**No.1 Yingbin Road, Economic Development Zone**
**334100 Shangrao City Jiangxi, China**

| | | |
|---|---|---|
| Product | : | Crystalline Silicon PV Modules |
| Trade name(s) | : | Jinko |
| Type(s)/model(s) | : | PV module with poly/mono c-Si cells |

The product and any acceptable variation thereto as specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:
- an evaluation according to the standard(s) EN IEC 61701:2020 and IEC 61701:2020
- a periodic surveillance
- a DEKRA certification agreement with the number 6063744

DEKRA hereby grants the right to use the DEKRA Seal certification mark.

DEKRA hereby grants the right to use the DEKRA Seal certification mark with the following content:

| | | |
|---|---|---|
| Category | : | Photovoltaic |
| Keyword | : | Salt Mist Resistance |
| Keyword | : | Periodic Factory Inspection |

The DEKRA Seal certification mark may be applied to the product or documentation as specified in this certificate for the duration and under the conditions of the DEKRA Seal certification agreement.

This certificate is issued on 29 August 2023 and expires at the latest on 19 November 2026.

Certificate number: 31-90002-008 REV.7

DEKRA Certification B.V.

B.T.M. Holtus
Managing Director

C. Lin
Certification Manager



31-90002-008

## SPECIFICATION OF THE CERTIFIED PRODUCT

### Product data

| | | |
|---|---|---|
| Product | : | Crystalline Silicon PV Modules |
| Trade name(s) | : | Jinko |
| Type(s)/model(s) | : | JKMxxxM-6TL4-B, JKMxxxM-6TL4-B-V, JKMxxxM-6TL4-TV, JKMxxxM-6TL4-V, JKMxxxM-72, JKMxxxM-72(Plus), JKMxxxM-72(Plus)-V, JKMxxxM-72B, JKMxxxM-72B-V, JKMxxxM-72BL, JKMxxxM-72BL-V, JKMxxxM-72H, JKMxxxM-72H-MBB, JKMxxxM-72H-MBB-T, JKMxxxM-72H-MBB-TV, JKMxxxM-72H-MBB-V, JKMxxxM-72H-T, JKMxxxM-72H-TV, JKMxxxM-72H-V, JKMxxxM-72HB, JKMxxxM-72HB-V, JKMxxxM-72HBL, JKMxxxM-72HBL-V, JKMxxxM-72HL, JKMxxxM-72HL-Q, JKMxxxM-72HL-T, JKMxxxM-72HL-T-Q, JKMxxxM-72HL-TV, JKMxxxM-72HL-TV-Q, JKMxxxM-72HL-V, JKMxxxM-72HL-V-Q, JKMxxxM-72HL4, JKMxxxM-72HL4-B, JKMxxxM-72HL4-B-V, JKMxxxM-72HL4-J, JKMxxxM-72HL4-TV, JKMxxxM-72HL4-TV-J, JKMxxxM-72HL4-V, JKMxxxM-72HL4-V-J, JKMxxxM-72HLM, JKMxxxM-72HLM-B, JKMxxxM-72HLM-B-V, JKMxxxM-72HLM-TV, JKMxxxM-72HLM-V, JKMxxxM-72L and JKMxxxM-72L-V |
| Test Method | : | 6 |

### Product data – type JKMxxxM-6TL4-B

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=415-440, with increments of 5W, 120 half-cut cells |

### Product data – type JKMxxxM-6TL4-B-V

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=415-440, with increments of 5W, 120 half cut cells |

### Product data – type JKMxxxM-6TL4-TV

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=385-450, with increments of 5W, 120 half cut cells |

### Product data – type JKMxxxM-6TL4-V

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=385-450, with increments of 5W, 120 half cut cells |

### Product data – type JKMxxxM-72

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=335-410, with increments of 5W, 72 cells |

### Product data – type JKMxxxM-72(Plus)

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |

Description : xxx=335-410, with increments of 5W, 72 cells

**Product data – type JKMxxxM-72(Plus)-V**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=335-410, with increments of 5W, 72 cells

**Product data – type JKMxxxM-72B**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=335-410, with increments of 5W, 72 cells

**Product data – type JKMxxxM-72BL**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=335-410, with increments of 5W, 72 cells

**Product data – type JKMxxxM-72BL-V**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=335-410, with increments of 5W, 72 cells

**Product data – type JKMxxxM-72B-V**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=335-410, with increments of 5W, 72 cells

**Product data – type JKMxxxM-72H**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=335-425, with increments of 5W, 144 half-cut cells

**Product data – type JKMxxxM-72HB**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=335-425, with increments of 5W, 144 half-cut cells

**Product data – type JKMxxxM-72HBL**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=335-425, with increments of 5W, 144 half-cut cells

**Product data – type JKMxxxM-72HBL-V**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=335-450, with increments of 5W, 144 half cut cells

**Product data – type JKMxxxM-72HB-V**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=335-450, with increments of 5W, 144 half cut cells |

**Product data – type JKMxxxM-72HL**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=335-425, with increments of 5W, 144 half-cut cells |

**Product data – type JKMxxxM-72HL4**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=475-585, with increments of 5W, 144 half-cut cells |

**Product data – type JKMxxxM-72HL4-B**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=515-535, with increments of 5W, 144 half-cut cells |

**Product data – type JKMxxxM-72HL4-B-V**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=510-535, with increments of 5W, 144 half cut cells |

**Product data – type JKMxxxM-72HL4-J**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=475-585, with increments of 5W, 144 half-cut cells |

**Product data – type JKMxxxM-72HL4-TV**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=460-580, with increments of 5W, 144 half cut cells |

**Product data – type JKMxxxM-72HL4-TV-J**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=460-580, with increments of 5W, 144 half cut cells |

**Product data – type JKMxxxM-72HL4-V**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=460-585, with increments of 5W, 144 half cut cells |

**Product data – type JKMxxxM-72HL4-V-J**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=460-585, with increments of 5W, 144 half cut cells |

**Product data – type JKMxxxM-72HLM**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=420-465, with increments of 5W, 144 half-cut cells |

**Product data – type JKMxxxM-72HLM-B**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=415-445, with increments of 5W, 144 half-cut cells |

**Product data – type JKMxxxM-72HLM-B-V**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=415-445, with increments of 5W, 144 half cut cells |

**Product data – type JKMxxxM-72HLM-TV**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=425-460, with increments of 5W, 144 half cut cells |

**Product data – type JKMxxxM-72HLM-V**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=400-480, with increments of 5W, 144 half cut cells |

**Product data – type JKMxxxM-72HL-Q**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=335-425, with increments of 5W, 144 half-cut cells |

**Product data – type JKMxxxM-72HL-T**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=375-425, with increments of 5W, 144 half-cut cells |

**Product data – type JKMxxxM-72HL-T-Q**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=375-425, with increments of 5W, 144 half-cut cells |

**Product data – type JKMxxxM-72HL-TV**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=375-455, with increments of 5W, 144 half cut cells |

**Product data – type JKMxxxM-72HL-TV-Q**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |

Maximum System voltage : 1500V
Description : xxx=375-425, with increments of 5W, 144 half cut cells

**Product data – type JKMxxxM-72HL-V**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=250-450, with increments of 5W, 144 half cut cells

**Product data – type JKMxxxM-72HL-V-Q**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=250-450, with increments of 5W, 144 half cut cells

**Product data – type JKMxxxM-72H-MBB**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=385-425, with increments of 5W, 144 half-cut cells

**Product data – type JKMxxxM-72H-MBB-T**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=385-405, with increments of 5W, 144 half-cut cells

**Product data – type JKMxxxM-72H-MBB-TV**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=385-435, with increments of 5W, 144 half cut cells

**Product data – type JKMxxxM-72H-MBB-V**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=385-425, with increments of 5W, 144 half cut cells

**Product data – type JKMxxxM-72H-T**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=375-425, with increments of 5W, 144 half-cut cells

**Product data – type JKMxxxM-72H-TV**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=375-455, with increments of 5W, 144 half cut cells

**Product data – type JKMxxxM-72H-V**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=250-450, with increments of 5W, 144 half cut cells

**Product data – type JKMxxxM-72L**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=335-410, with increments of 5W, 72 cells |

**Product data – type JKMxxxM-72L-V**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=250-420, with increments of 5W, 72 cells |

## TESTS

**Test requirements**
EN IEC 61701:2020
IEC 61701:2020

**Test result**
The test results are laid down in DEKRA test file 616159300.

**Additional information**
This certificate replaces certificate No. 31-90002-008 REV.6 which we hereby declare invalid.

The list of components is laid down in test report 6161593B.50.

**Conclusion**
The examination proved that all requirements were met.

**Factory locations**
Jinko Solar (Chuzhou) Co., Ltd.
No. 18 Liming Road, Lai'an Economic Development Zone
239200 Chuzhou City Anhui, China

Jinko Solar (Yiwu) Co., Ltd.
No.1555 Chengxin Road, Niansanli Street
322009 Yiwu City Zhejiang, China

Jinko Solar Co., Ltd.
No. 1 Jinko Road, Shangrao Economic Development Zone
334100 Shangrao City Jiangxi, China

Jinko Solar (Shangrao) Co., Ltd.
No.1, Yingbin Road, Economic Development Zone
334100 Shangrao City Jiangxi, China

Zhejiang Jinko Solar Co., Ltd.
No.58, Yuanxi Road, Yuanhua Town
314416 Haining City, Jiaxing City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Lot 10085, Plot C & D, Jalan Perusahaan, Mukim 1, Seberang Perai Tengah
13600 Perai, Pulau Pinang, Malaysia

Yuhuan Jinko solar Co., Ltd.
No 5. Jinghai Road, Economic development zone
317600 Yuhuan City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Plot 538 Tingkat Perusahaan 4B, Perai Free Trade Zone
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar Technology Sdn. Bhd.
2480 Tingkat Perusahaan, Enam Perai Free Trade Zone
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar (U.S.) Industries Inc.
4660 Pow-Mia Memorial Parkway, Suite 200
Jacksonville FL 32221, United States Of America

Jinko Solar Technology Sdn. Bhd.
Lot 393, Ladang Valdor, Kawasan Perindustrian Valdor
14200 Sungai Jawi, Pulau Pinang, Malaysia

Jiangsu Focus Solar Energy Technology Co., Ltd.
No. 66, Lifa Avenue Development Zone, Hai'an County
226600 Nantong City Jiangsu, China

VIET NAM GREEN ENERGY COMMERCIAL SERVICE S CO., LTD.
LotD1-1, DaiDong-Hoan Son Industrial Zone, Hoan Son Commune
220000 Tien Du District, Bac Ninh, Vietnam

Jinko Solar Technology Sdn. Bhd.
No. 1412, Lorong Perusahaan 1, Kawasan Perusahaan Perai
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar (Haining) Co., Ltd.
No.199, Xinyue Road, Huangwan Town
314415 Haining City Zhejiang, China

Jinko Solar (Feidong) Co., Ltd.
No. 1, southwest corner of the intersection of Longxing Avenue and Shichi Road, Hefei Circular Economy Demonstration Park
231600 Feidong County, Hefei City Anhui, China

Jinko PV (Shangrao Guangxin) Co., Ltd.
No.18, Jian xing road, Chating Economic Development Zone, Guangxin District
334000 Shangrao City Jiangxi, China

Shangrao Jinko Photovoltaic Manufacturing Co., Ltd.
Room2-1,Office Building1-1,South of Development Road,West of Jinko Redouble Increasing Area,Shangrao Economic Development Zone
334100 Shangrao City Jiangxi, China

JINKO SOLAR (VIETNAM) INDUSTRIES COMPANY LIMITED
CN- XL- 6, 11-Song Khoai Industrial Park, Song Khoai Commune
02200 Quang Yen City, Quang Ninh Province, Vietnam

Trade name(s): Jinko stands for

Unique Identifier

# CERTIFICATE

Issued to:
Applicant:
**Jinko Solar Co., Ltd.**
**No.1 Yingbin Road, Economic Development Zone**
**334100 Shangrao City Jiangxi, China**

Licensee:
**Jinko Solar Co., Ltd.**
**No.1 Yingbin Road, Economic Development Zone**
**334100 Shangrao City Jiangxi, China**

| | | |
|---|---|---|
| Product | : | Crystalline Silicon PV Modules |
| Trade name(s) | : | Jinko |
| Type(s)/model(s) | : | PV module with poly/mono c-Si cells |

The product and any acceptable variation thereto as specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:
- an evaluation according to the standard(s) EN IEC 61701:2020 and IEC 61701:2020
- a periodic surveillance
- a DEKRA certification agreement with the number 6063744

DEKRA hereby grants the right to use the DEKRA Seal certification mark.

DEKRA hereby grants the right to use the DEKRA Seal certification mark with the following content:

| | | |
|---|---|---|
| Category | : | Photovoltaic |
| Keyword | : | Salt Mist Resistance |
| Keyword | : | Periodic Factory Inspection |

The DEKRA Seal certification mark may be applied to the product or documentation as specified in this certificate for the duration and under the conditions of the DEKRA Seal certification agreement.

This certificate is issued on 29 August 2023 and expires at the latest on 18 November 2026.

Certificate number: 31-90002-009 REV.8

DEKRA Certification B.V.

B.T.M. Holtus
Managing Director

C. Lin
Certification Manager



31-90002-009

## SPECIFICATION OF THE CERTIFIED PRODUCT

### Product data

| | | |
|---|---|---|
| Product | : | Crystalline Silicon PV Modules |
| Trade name(s) | : | Jinko |
| Type(s)/model(s) | : | JKMxxxM-72-V, JKMxxxM-72-V-J, JKMxxxM-78H, JKMxxxM-78H-MBB, JKMxxxM-78H-MBB-V, JKMxxxM-78H-T, JKMxxxM-78H-TV, JKMxxxM-78H-TV-Q, JKMxxxM-78H-V, JKMxxxM-78H-V-Q, JKMxxxM-78HB, JKMxxxM-78HB-V, JKMxxxM-78HL4-TV, JKMxxxM-78HL4-V, JKMxxxM-7RL3, JKMxxxM-7RL3-B, JKMxxxM-7RL3-B-V, JKMxxxM-7RL3-J, JKMxxxM-7RL3-T, JKMxxxM-7RL3-T-J, JKMxxxM-7RL3-TV, JKMxxxM-7RL3-TV-J, JKMxxxM-7RL3-V, JKMxxxM-7RL3-V-J, JKMxxxM-7RL4, JKMxxxM-7RL4-B, JKMxxxM-7RL4-B-V, JKMxxxM-7RL4-J, JKMxxxM-7RL4-TV, JKMxxxM-7RL4-TV-J, JKMxxxM-7RL4-V, JKMxxxM-7RL4-V-J, JKMxxxM-7TL4, JKMxxxM-7TL4-B, JKMxxxM-7TL4-B-V, JKMxxxM-7TL4-J, JKMxxxM-7TL4-TV, JKMxxxM-7TL4-TV-J, JKMxxxM-7TL4-V, JKMxxxM-7TL4-V-J, JKMxxxN-32H-MBB-B, JKMxxxN-32HL3-MBB-B, JKMxxxN-48H-MBB-B, JKMxxxN-48HL3-MBB-B, JKMxxxN-54HL4, JKMxxxN-54HL4-B, JKMxxxN-54HL4-B-V, JKMxxxN-54HL4-TV, JKMxxxN-54HL4-V and JKMxxxN-5RL4 |
| Test Method | : | 6 |

### Product data – type JKMxxxM-72-V

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=250-420, with increments of 5W, 72 cells |

### Product data – type JKMxxxM-72-V-J

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=250-420, with increments of 5W, 72 cells |

### Product data – type JKMxxxM-78H

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=405-465, with increments of 5W, 156 half-cut cells |

### Product data – type JKMxxxM-78HB

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=405-435, with increments of 5W, 156 half-cut cells |

### Product data – type JKMxxxM-78HB-V

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=405-435, with increments of 5W, 156 half cut cells |

### Product data – type JKMxxxM-78HL4-TV

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |

Maximum System voltage : 1500V
Description : xxx=555-595, with increments of 5W, 156 half cut cells

**Product data – type JKMxxxM-78HL4-V**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=565-605, with increments of 5W, 156 half cut cells

**Product data – type JKMxxxM-78H-MBB**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=440-465, with increments of 5W, 156 half-cut cells

**Product data – type JKMxxxM-78H-MBB-V**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=440-465, with increments of 5W, 156 half cut cells

**Product data – type JKMxxxM-78H-T**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=405-455, with increments of 5W, 156 half-cut cells

**Product data – type JKMxxxM-78H-TV**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=405-455, with increments of 5W, 156 half cut cells

**Product data – type JKMxxxM-78H-TV-Q**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=405-455, with increments of 5W, 156 half cut cells

**Product data – type JKMxxxM-78H-V**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=405-465, with increments of 5W, 156 half cut cells

**Product data – type JKMxxxM-78H-V-Q**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=405-465, with increments of 5W, 156 half cut cells

**Product data – type JKMxxxM-7RL3**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=430-495, with increments of 5W, 156 half-cut cells

**Product data – type JKMxxxM-7RL3-B**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=425-480, with increments of 5W, 156 half-cut cells |

**Product data – type JKMxxxM-7RL3-B-V**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=425-480, with increments of 5W, 156 half cut cells |

**Product data – type JKMxxxM-7RL3-J**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=430-495, with increments of 5W, 156 half-cut cells |

**Product data – type JKMxxxM-7RL3-T**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=420-475, with increments of 5W, 156 half-cut cells |

**Product data – type JKMxxxM-7RL3-T-J**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=420-475, with increments of 5W, 156 half-cut cells |

**Product data – type JKMxxxM-7RL3-TV**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=420-475, with increments of 5W, 156 half cut cells |

**Product data – type JKMxxxM-7RL3-TV-J**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=420-475, with increments of 5W, 156 half cut cells |

**Product data – type JKMxxxM-7RL3-V**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=430-495, with increments of 5W, 156 half cut cells |

**Product data – type JKMxxxM-7RL3-V-J**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=430-495, with increments of 5W, 156 half cut cells |

**Product data – type JKMxxxM-7RL4**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=535-590, with increments of 5W, 156 half-cut cells |

**Product data – type JKMxxxM-7RL4-B**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=540-575, with increments of 5W, 156 half-cut cells |

**Product data – type JKMxxxM-7RL4-B-V**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=540-575, with increments of 5W, 156 half cut cells |

**Product data – type JKMxxxM-7RL4-J**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=535-590, with increments of 5W, 156 half-cut cells |

**Product data – type JKMxxxM-7RL4-TV**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=490-590, with increments of 5W, 156 half cut cells |

**Product data – type JKMxxxM-7RL4-TV-J**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=490-590, with increments of 5W, 156 half cut cells |

**Product data – type JKMxxxM-7RL4-V**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=500-590, with increments of 5W, 156 half cut cells |

**Product data – type JKMxxxM-7RL4-V-J**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=500-590, with increments of 5W, 156 half cut cells |

**Product data – type JKMxxxM-7TL4**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=495-570, with increments of 5W, 144 half-cut cells |

**Product data – type JKMxxxM-7TL4-B**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=495-530, with increments of 5W, 144 half-cut cells |

**Product data – type JKMxxxM-7TL4-B-V**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |

Maximum System voltage : 1500V
Description : xxx=495-530, with increments of 5W, 144 half cut cells

**Product data – type JKMxxxM-7TL4-J**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=495-570, with increments of 5W, 144 half-cut cells

**Product data – type JKMxxxM-7TL4-TV**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=485-570, with increments of 5W, 144 half cut cells

**Product data – type JKMxxxM-7TL4-TV-J**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=485-570, with increments of 5W, 144 half cut cells

**Product data – type JKMxxxM-7TL4-V**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=495-570, with increments of 5W, 144 half cut cells

**Product data – type JKMxxxM-7TL4-V-J**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=495-570, with increments of 5W, 144 half cut cells

**Product data – type JKMxxxN-32HL3-MBB-B**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=180-195, with increments of 5W, 64 half-cut cells

**Product data – type JKMxxxN-32H-MBB-B**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=170-175, with increments of 5W, 64 half-cut cells

**Product data – type JKMxxxN-48HL3-MBB-B**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=270-295, with increments of 5W, 96 half-cut cells

**Product data – type JKMxxxN-48H-MBB-B**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=255-265, with increments of 5W, 96 half-cut cells

**Product data – type JKMxxxN-54HL4**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=360-455, with increments of 5W, 108 half-cut cells |

**Product data – type JKMxxxN-54HL4-B**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=380-450, with increments of 5W, 108 half-cut cells |

**Product data – type JKMxxxN-54HL4-B-V**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=380-400, with increments of 5W, 108 half cut cells |

**Product data – type JKMxxxN-54HL4-TV**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=345-430, with increments of 5W, 108 half cut cells |

**Product data – type JKMxxxN-54HL4-V**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=345-455, with increments of 5W, 108 half cut cells |

**Product data – type JKMxxxN-5RL4**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=375-460, with increments of 5W, 108 half-cut cells |

## TESTS

**Test requirements**
EN IEC 61701:2020
IEC 61701:2020

**Test result**
The test results are laid down in DEKRA test file 616159300.

**Additional information**
This certificate replaces certificate No. 31-90002-009 REV.7 which we hereby declare invalid.

The list of components is laid down in test report 6161593B.50.

**Conclusion**
The examination proved that all requirements were met.

**Factory locations**

Jinko Solar (Chuzhou) Co., Ltd.
No. 18 Liming Road, Lai'an Economic Development Zone
239200 Chuzhou City Anhui, China

Jinko Solar (Yiwu) Co., Ltd.
No.1555 Chengxin Road, Niansanli Street
322009 Yiwu City Zhejiang, China

Jinko Solar Co., Ltd.
No. 1 Jinko Road, Shangrao Economic Development Zone
334100 Shangrao City Jiangxi, China

Jinko Solar (Shangrao) Co., Ltd.
No.1, Yingbin Road, Economic Development Zone
334100 Shangrao City Jiangxi, China

Zhejiang Jinko Solar Co., Ltd.
No.58, Yuanxi Road, Yuanhua Town
314416 Haining City, Jiaxing City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Lot 10085, Plot C & D, Jalan Perusahaan, Mukim 1, Seberang Perai Tengah
13600 Perai, Pulau Pinang, Malaysia

Yuhuan Jinko solar Co., Ltd.
No 5. Jinghai Road, Economic development zone
317600 Yuhuan City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Plot 538 Tingkat Perusahaan 4B, Perai Free Trade Zone
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar Technology Sdn. Bhd.
2480 Tingkat Perusahaan, Enam Perai Free Trade Zone
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar (U.S.) Industries Inc.
4660 Pow-Mia Memorial Parkway, Suite 200
Jacksonville FL 32221, United States Of America

Jinko Solar Technology Sdn. Bhd.
Lot 393, Ladang Valdor, Kawasan Perindustrian Valdor
14200 Sungai Jawi, Pulau Pinang, Malaysia

Jiangsu Focus Solar Energy Technology Co., Ltd.
No. 66, Lifa Avenue Development Zone, Hai'an County
226600 Nantong City Jiangsu, China

VIET NAM GREEN ENERGY COMMERCIAL SERVICE S CO., LTD.
LotD1-1, DaiDong-Hoan Son Industrial Zone, Hoan Son Commune
220000 Tien Du District, Bac Ninh, Vietnam

Jinko Solar Technology Sdn. Bhd.
No. 1412, Lorong Perusahaan 1, Kawasan Perusahaan Perai
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar (Haining) Co., Ltd.
No.199, Xinyue Road, Huangwan Town
314415 Haining City Zhejiang, China

Jinko Solar (Feidong) Co., Ltd.
No. 1, southwest corner of the intersection of Longxing Avenue and Shichi Road, Hefei Circular Economy Demonstration Park
231600 Feidong County, Hefei City Anhui, China

Jinko PV (Shangrao Guangxin) Co., Ltd.
No.18, Jian xing road, Chating Economic Development Zone, Guangxin District
334000 Shangrao City Jiangxi, China

Shangrao Jinko Photovoltaic Manufacturing Co., Ltd.
Room2-1,Office Building1-1,South of Development Road,West of Jinko Redouble Increasing Area,Shangrao Economic Development Zone
334100 Shangrao City Jiangxi, China

JINKO SOLAR (VIETNAM) INDUSTRIES COMPANY LIMITED
CN- XL- 6, 11-Song Khoai Industrial Park, Song Khoai Commune
02200 Quang Yen City, Quang Ninh Province, Vietnam

Trade name(s): Jinko stands for

Unique Identifier

# CERTIFICATE

Issued to:

Applicant:
**Jinko Solar Co., Ltd.**
**No.1 Yingbin Road, Economic Development Zone**
**334100 Shangrao City Jiangxi, China**

Licensee:
**Jinko Solar Co., Ltd.**
**No.1 Yingbin Road, Economic Development Zone**
**334100 Shangrao City Jiangxi, China**

| | | |
|---|---|---|
| Product | : | Crystalline Silicon PV Modules |
| Trade name(s) | : | Jinko |
| Type(s)/model(s) | : | PV module with poly/mono c-Si cells |

The product and any acceptable variation thereto as specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:
- an evaluation according to the standard(s) EN IEC 61701:2020 and IEC 61701:2020
- a periodic surveillance
- a DEKRA certification agreement with the number 6063744

DEKRA hereby grants the right to use the DEKRA Seal certification mark.

DEKRA hereby grants the right to use the DEKRA Seal certification mark with the following content:

| | | |
|---|---|---|
| Category | : | Photovoltaic |
| Keyword | : | Salt Mist Resistance |
| Keyword | : | Periodic Factory Inspection |

The DEKRA Seal certification mark may be applied to the product or documentation as specified in this certificate for the duration and under the conditions of the DEKRA Seal certification agreement.

This certificate is issued on 29 August 2023 and expires at the latest on 18 November 2026.

Certificate number: 31-90002-010 REV.8

DEKRA Certification B.V.

B.T.M. Holtus
Managing Director

C. Lin
Certification Manager



31-90002-010

## SPECIFICATION OF THE CERTIFIED PRODUCT

### Product data

| | | |
|---|---|---|
| Product | : | Crystalline Silicon PV Modules |
| Trade name(s) | : | Jinko |
| Type(s)/model(s) | : | JKMxxxN-5RL4-B, JKMxxxN-5RL4-B-V, JKMxxxN-5RL4-V, JKMxxxN-60H-MBB, JKMxxxN-60H-MBB-B, JKMxxxN-60H-MBB-B-V, JKMxxxN-60H-MBB-T, JKMxxxN-60H-MBB-TV, JKMxxxN-60H-MBB-V, JKMxxxN-60H-T, JKMxxxN-60H-TV, JKMxxxN-60HL-T, JKMxxxN-60HL-TV, JKMxxxN-60HL3-MBB-B, JKMxxxN-60HL4, JKMxxxN-60HL4-B, JKMxxxN-60HL4-B-V, JKMxxxN-60HL4-TV, JKMxxxN-60HL4-V, JKMxxxN-66HL4, JKMxxxN-66HL4-B, JKMxxxN-66HL4-B-V, JKMxxxN-66HL4-TV, JKMxxxN-66H -T, JKMxxxN-6RL3, JKMxxxN-6RL3-B, JKMxxxN-6RL3-B-V, JKMxxxN-6RL3-J, JKMxxxN-6RL3-T, JKMxxxN-6RL3-T-J, JKMxxxN-6RL3-TV, JKMxxxN-6RL3-TV-J, JKMxxxN-6RL3-V, JKMxxxN-6RL3-V-J, JKMxxxN-6RL4, JKMxxxN-6RL4-B, JKMxxxN-6RL4-B-V, JKMxxxN-6TL3, JKMxxxN-6TL3-B, JKMxxxN-6TL3-B-V, JKMxxxN-6TL3-T, JKMxxxN-6TL3-TV, JKMxxxN-6TL3-V, JKMxxxN-6TL4, JKMxxxN-6TL4-B and JKMxxxN-6TL4-B-V |
| Test Method | : | 6 |

### Product data – type JKMxxxN-5RL4-B

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=375-455, with increments of 5W, 108 half-cut cells |

### Product data – type JKMxxxN-5RL4-B-V

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=375-395, with increments of 5W, 108 half cut cells |

### Product data – type JKMxxxN-5RL4-V

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=345-460, with increments of 5W, 108 half cut cells |

### Product data – type JKMxxxN-60HL3-MBB-B

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=330-370, with increments of 5W, 120 half-cut cells |

### Product data – type JKMxxxN-60HL4

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=405-510, with increments of 5W, 120 half-cut cells |

### Product data – type JKMxxxN-60HL4-B

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |

Description : xxx=425-470, with increments of 5W, 120 half-cut cells

**Product data – type JKMxxxN-60HL4-B-V**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=425-445, with increments of 5W, 120 half cut cells

**Product data – type JKMxxxN-60HL4-TV**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=400-480, with increments of 5W, 120 half cut cells

**Product data – type JKMxxxN-60HL4-V**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=405-510, with increments of 5W, 120 half cut cells

**Product data – type JKMxxxN-60HL-T**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=315-355, with increments of 5W, 120 half-cut cells

**Product data – type JKMxxxN-60HL-TV**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=315-355, with increments of 5W, 120 half cut cells

**Product data – type JKMxxxN-60H-MBB**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=320-350, with increments of 5W, 120 half-cut cells

**Product data – type JKMxxxN-60H-MBB-B**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=315-330, with increments of 5W, 120 half-cut cells

**Product data – type JKMxxxN-60H-MBB-B-V**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=315-330, with increments of 5W, 120 half cut cells

**Product data – type JKMxxxN-60H-MBB-T**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=330-350, with increments of 5W, 120 half-cut cells

**Product data – type JKMxxxN-60H-MBB-TV**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=330-370, with increments of 5W, 120 half cut cells |

**Product data – type JKMxxxN-60H-MBB-V**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=320-350, with increments of 5W, 120 half cut cells |

**Product data – type JKMxxxN-60H-T**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=315-355, with increments of 5W, 120 half-cut cells |

**Product data – type JKMxxxN-60H-TV**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=315-355, with increments of 5W, 120 half cut cells |

**Product data – type JKMxxxN-66H -T**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=345-385, with increments of 5W, 132 half-cut cells |

**Product data – type JKMxxxN-66HL4**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=445-525, with increments of 5W, 132 half-cut cells |

**Product data – type JKMxxxN-66HL4-B**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=465-490, with increments of 5W, 132 half-cut cells |

**Product data – type JKMxxxN-66HL4-B-V**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=465-490, with increments of 5W, 132 half cut cells |

**Product data – type JKMxxxN-66HL4-TV**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=440-525, with increments of 5W, 132 half cut cells |

**Product data – type JKMxxxN-6RL3**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=360-420, with increments of 5W, 132 half-cut cells |

**Product data – type JKMxxxN-6RL3-B**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=360-425, with increments of 5W, 132 half-cut cells |

**Product data – type JKMxxxN-6RL3-B-V**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=360-405, with increments of 5W, 132 half cut cells |

**Product data – type JKMxxxN-6RL3-J**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=360-420, with increments of 5W, 132 half-cut cells |

**Product data – type JKMxxxN-6RL3-T**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=355-400, with increments of 5W, 132 half-cut cells |

**Product data – type JKMxxxN-6RL3-T-J**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=355-400, with increments of 5W, 132 half-cut cells |

**Product data – type JKMxxxN-6RL3-TV**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=355-420, with increments of 5W, 132 half cut cells |

**Product data – type JKMxxxN-6RL3-TV-J**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=355-420, with increments of 5W, 132 half cut cells |

**Product data – type JKMxxxN-6RL3-V**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=360-420, with increments of 5W, 132 half cut cells |

**Product data – type JKMxxxN-6RL3-V-J**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=360-420, with increments of 5W, 132 half cut cells |

**Product data – type JKMxxxN-6RL4**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |

Maximum System voltage : 1000V
Description : xxx=455-495, with increments of 5W, 132 half-cut cells

**Product data – type JKMxxxN-6RL4-B**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=455-485, with increments of 5W, 132 half-cut cells

**Product data – type JKMxxxN-6RL4-B-V**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=455-485, with increments of 5W, 132 half cut cells

**Product data – type JKMxxxN-6TL3**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=335-390, with increments of 5W, 120 half-cut cells

**Product data – type JKMxxxN-6TL3-B**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=320-385, with increments of 5W, 120 half-cut cells

**Product data – type JKMxxxN-6TL3-B-V**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=320-365, with increments of 5W, 120 half cut cells

**Product data – type JKMxxxN-6TL3-T**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=325-365, with increments of 5W, 120 half-cut cells

**Product data – type JKMxxxN-6TL3-TV**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=325-380, with increments of 5W, 120 half cut cells

**Product data – type JKMxxxN-6TL3-V**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=335-390, with increments of 5W, 120 half cut cells

**Product data – type JKMxxxN-6TL4**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=415-450, with increments of 5W, 120 half-cut cells

**Product data – type JKMxxxN-6TL4-B**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=415-440, with increments of 5W, 120 half-cut cells |

**Product data – type JKMxxxN-6TL4-B-V**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=415-440, with increments of 5W, 120 half cut cells |

## TESTS

**Test requirements**
EN IEC 61701:2020
IEC 61701:2020

**Test result**
The test results are laid down in DEKRA test file 616159300.

**Additional information**
This certificate replaces certificate No. 31-90002-010 REV.7 which we hereby declare invalid.

The list of components is laid down in test report 6161593B.50.

**Conclusion**
The examination proved that all requirements were met.

**Factory locations**
Jinko Solar (Chuzhou) Co., Ltd.
No. 18 Liming Road, Lai'an Economic Development Zone
239200 Chuzhou City Anhui, China

Jinko Solar (Yiwu) Co., Ltd.
No.1555 Chengxin Road, Niansanli Street
322009 Yiwu City Zhejiang, China

Jinko Solar Co., Ltd.
No. 1 Jinko Road, Shangrao Economic Development Zone
334100 Shangrao City Jiangxi, China

Jinko Solar (Shangrao) Co., Ltd.
No.1, Yingbin Road, Economic Development Zone
334100 Shangrao City Jiangxi, China

Zhejiang Jinko Solar Co., Ltd.
No.58, Yuanxi Road, Yuanhua Town
314416 Haining City, Jiaxing City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Lot 10085, Plot C & D, Jalan Perusahaan, Mukim 1, Seberang Perai Tengah
13600 Perai, Pulau Pinang, Malaysia

Yuhuan Jinko solar Co., Ltd.
No 5. Jinghai Road, Economic development zone
317600 Yuhuan City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Plot 538 Tingkat Perusahaan 4B, Perai Free Trade Zone
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar Technology Sdn. Bhd.
2480 Tingkat Perusahaan, Enam Perai Free Trade Zone
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar (U.S.) Industries Inc.
4660 Pow-Mia Memorial Parkway, Suite 200
Jacksonville FL 32221, United States Of America

Jinko Solar Technology Sdn. Bhd.
Lot 393, Ladang Valdor, Kawasan Perindustrian Valdor
14200 Sungai Jawi, Pulau Pinang, Malaysia

Jiangsu Focus Solar Energy Technology Co., Ltd.
No. 66, Lifa Avenue Development Zone, Hai'an County
226600 Nantong City Jiangsu, China

VIET NAM GREEN ENERGY COMMERCIAL SERVICE S CO., LTD.
LotD1-1, DaiDong-Hoan Son Industrial Zone, Hoan Son Commune
220000 Tien Du District, Bac Ninh, Vietnam

Jinko Solar Technology Sdn. Bhd.
No. 1412, Lorong Perusahaan 1, Kawasan Perusahaan Perai
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar (Haining) Co., Ltd.
No.199, Xinyue Road, Huangwan Town
314415 Haining City Zhejiang, China

Jinko Solar (Feidong) Co., Ltd.
No. 1, southwest corner of the intersection of Longxing Avenue and Shichi Road, Hefei Circular Economy Demonstration Park
231600 Feidong County, Hefei City Anhui, China

Jinko PV (Shangrao Guangxin) Co., Ltd.
No.18, Jian xing road, Chating Economic Development Zone, Guangxin District
334000 Shangrao City Jiangxi, China

Shangrao Jinko Photovoltaic Manufacturing Co., Ltd.
Room2-1,Office Building1-1,South of Development Road,West of Jinko Redouble Increasing Area,Shangrao Economic Development Zone
334100 Shangrao City Jiangxi, China

JINKO SOLAR (VIETNAM) INDUSTRIES COMPANY LIMITED
CN- XL- 6, 11-Song Khoai Industrial Park, Song Khoai Commune
02200 Quang Yen City, Quang Ninh Province, Vietnam

Trade name(s): Jinko stands for

Unique Identifier

# CERTIFICATE

Issued to:

Applicant:
**Jinko Solar Co., Ltd.**
**No.1 Yingbin Road, Economic Development Zone**
**334100 Shangrao City Jiangxi, China**

Licensee:
**Jinko Solar Co., Ltd.**
**No.1 Yingbin Road, Economic Development Zone**
**334100 Shangrao City Jiangxi, China**

| | | |
|---|---|---|
| Product | : | Crystalline Silicon PV Modules |
| Trade name(s) | : | Jinko |
| Type(s)/model(s) | : | PV module with poly/mono c-Si cells |

The product and any acceptable variation thereto as specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:
- an evaluation according to the standard(s) EN IEC 61701:2020 and IEC 61701:2020
- a periodic surveillance
- a DEKRA certification agreement with the number 6063744

DEKRA hereby grants the right to use the DEKRA Seal certification mark.

DEKRA hereby grants the right to use the DEKRA Seal certification mark with the following content:

| | | |
|---|---|---|
| Category | : | Photovoltaic |
| Keyword | : | Salt Mist Resistance |
| Keyword | : | Periodic Factory Inspection |

The DEKRA Seal certification mark may be applied to the product or documentation as specified in this certificate for the duration and under the conditions of the DEKRA Seal certification agreement.

This certificate is issued on 29 August 2023 and expires at the latest on 18 November 2026.

Certificate number: 31-90002-011 REV.8

DEKRA Certification B.V.

B.T.M. Holtus
Managing Director

C. Lin
Certification Manager



31-90002-011

## SPECIFICATION OF THE CERTIFIED PRODUCT

### Product data

| | | |
|---|---|---|
| Product | : | Crystalline Silicon PV Modules |
| Trade name(s) | : | Jinko |
| Type(s)/model(s) | : | JKMxxxN-72H-MBB, JKMxxxN-72H-MBB-B, JKMxxxN-72H-MBB-B-V, JKMxxxN-72H-MBB-T, JKMxxxN-72H-MBB-TV, JKMxxxN-72H-MBB-V, JKMxxxN-72H-T, JKMxxxN-72H-TV, JKMxxxN-72HL-T, JKMxxxN-72HL-TV, JKMxxxN-72HL3-MBB-B, JKMxxxN-72HL4, JKMxxxN-72HL4-B, JKMxxxN-72HL4-B-V, JKMxxxN-72HL4-TV, JKMxxxN-72HL4-V, JKMxxxN-78H-T, JKMxxxN-78H-TV, JKMxxxN-7RL3, JKMxxxN-7RL3-B, JKMxxxN-7RL3-B-V, JKMxxxN-7RL3-J, JKMxxxN-7RL3-T, JKMxxxN-7RL3-T-J, JKMxxxN-7RL3-TV, JKMxxxN-7RL3-TV-J, JKMxxxN-7RL3-V, JKMxxxN-7RL3-V-J, JKMxxxN-7RL4, JKMxxxN-7RL4-B, JKMxxxN-7RL4-B-V, JKMxxxN-7TL4, JKMxxxN-7TL4-B, JKMxxxN-7TL4-B-V, JKMxxxN-7TL4-TV, JKMxxxN-7TL4-V, JKMxxxP-60-V and JKMxxxP-60-V-J |
| Test Method | : | 6 |

### Product data – type JKMxxxN-72HL3-MBB-B

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=400-445, with increments of 5W, 144 half-cut cells |

### Product data – type JKMxxxN-72HL4

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=485-615, with increments of 5W, 144 half-cut cells |

### Product data – type JKMxxxN-72HL4-B

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=510-535, with increments of 5W, 144 half-cut cells |

### Product data – type JKMxxxN-72HL4-B-V

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=510-535, with increments of 5W, 144 half cut cells |

### Product data – type JKMxxxN-72HL4-TV

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=485-605, with increments of 5W, 144 half cut cells |

### Product data – type JKMxxxN-72HL4-V

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=480-615, with increments of 5W, 144 half cut cells |

**Product data – type JKMxxxN-72HL-T**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=375-425, with increments of 5W, 144 half-cut cells |

**Product data – type JKMxxxN-72HL-TV**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=375-455, with increments of 5W, 144 half cut cells |

**Product data – type JKMxxxN-72H-MBB**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=385-425, with increments of 5W, 144 half-cut cells |

**Product data – type JKMxxxN-72H-MBB-B**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=380-400, with increments of 5W, 144 half-cut cells |

**Product data – type JKMxxxN-72H-MBB-B-V**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=380-400, with increments of 5W, 144 half cut cells |

**Product data – type JKMxxxN-72H-MBB-T**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=390-420, with increments of 5W, 144 half-cut cells |

**Product data – type JKMxxxN-72H-MBB-TV**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=390-445, with increments of 5W, 144 half cut cells |

**Product data – type JKMxxxN-72H-MBB-V**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=385-425, with increments of 5W, 144 half cut cells |

**Product data – type JKMxxxN-72H-T**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=375-425, with increments of 5W, 144 half-cut cells |

**Product data – type JKMxxxN-72H-TV**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=375-455, with increments of 5W, 144 half cut cells |

**Product data – type JKMxxxN-78H-T**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=410-460, with increments of 5W, 156 half-cut cells |

**Product data – type JKMxxxN-78H-TV**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=410-460, with increments of 5W, 156 half cut cells |

**Product data – type JKMxxxN-7RL3**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=430-500, with increments of 5W, 156 half-cut cells |

**Product data – type JKMxxxN-7RL3-B**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=425-480, with increments of 5W, 156 half-cut cells |

**Product data – type JKMxxxN-7RL3-B-V**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=425-480, with increments of 5W, 156 half cut cells |

**Product data – type JKMxxxN-7RL3-J**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=430-490, with increments of 5W, 156 half-cut cells |

**Product data – type JKMxxxN-7RL3-T**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=425-470, with increments of 5W, 156 half-cut cells |

**Product data – type JKMxxxN-7RL3-T-J**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=425-470, with increments of 5W, 156 half-cut cells |

**Product data – type JKMxxxN-7RL3-TV**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=425-500, with increments of 5W, 156 half cut cells |

**Product data – type JKMxxxN-7RL3-TV-J**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |

Maximum System voltage : 1500V
Description : xxx=425-500, with increments of 5W, 156 half cut cells

**Product data – type JKMxxxN-7RL3-V**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=430-500, with increments of 5W, 156 half cut cells

**Product data – type JKMxxxN-7RL3-V-J**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=430-500, with increments of 5W, 156 half cut cells

**Product data – type JKMxxxN-7RL4**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=535-590, with increments of 5W, 156 half-cut cells

**Product data – type JKMxxxN-7RL4-B**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=540-575, with increments of 5W, 156 half-cut cells

**Product data – type JKMxxxN-7RL4-B-V**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=540-575, with increments of 5W, 156 half cut cells

**Product data – type JKMxxxN-7TL4**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=495-600, with increments of 5W, 144 half-cut cells

**Product data – type JKMxxxN-7TL4-B**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=495-530, with increments of 5W, 144 half-cut cells

**Product data – type JKMxxxN-7TL4-B-V**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=495-530, with increments of 5W, 144 half cut cells

**Product data – type JKMxxxN-7TL4-TV**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=480-570, with increments of 5W, 144 half cut cells

**Product data – type JKMxxxN-7TL4-V**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=495-600, with increments of 5W, 144 half cut cells |

**Product data – type JKMxxxP-60-V**

| | | |
|---|---|---|
| Design | : | PV module with poly c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=210-325, with increments of 5W, 60 cells |

**Product data – type JKMxxxP-60-V-J**

| | | |
|---|---|---|
| Design | : | PV module with poly c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=210-325, with increments of 5W, 60 cells |

## TESTS

**Test requirements**
EN IEC 61701:2020
IEC 61701:2020

**Test result**
The test results are laid down in DEKRA test file 616159300.

**Additional information**
This certificate replaces certificate No. 31-90002-011 REV.7 which we hereby declare invalid.

The list of components is laid down in test report 6161593B.50.

**Conclusion**
The examination proved that all requirements were met.

**Factory locations**
Jinko Solar (Chuzhou) Co., Ltd.
No. 18 Liming Road, Lai'an Economic Development Zone
239200 Chuzhou City Anhui, China

Jinko Solar (Yiwu) Co., Ltd.
No.1555 Chengxin Road, Niansanli Street
322009 Yiwu City Zhejiang, China

Jinko Solar Co., Ltd.
No. 1 Jinko Road, Shangrao Economic Development Zone
334100 Shangrao City Jiangxi, China

Jinko Solar (Shangrao) Co., Ltd.
No.1, Yingbin Road, Economic Development Zone
334100 Shangrao City Jiangxi, China

Zhejiang Jinko Solar Co., Ltd.
No.58, Yuanxi Road, Yuanhua Town
314416 Haining City, Jiaxing City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Lot 10085, Plot C & D, Jalan Perusahaan, Mukim 1, Seberang Perai Tengah
13600 Perai, Pulau Pinang, Malaysia

Yuhuan Jinko solar Co., Ltd.
No 5. Jinghai Road, Economic development zone
317600 Yuhuan City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Plot 538 Tingkat Perusahaan 4B, Perai Free Trade Zone
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar Technology Sdn. Bhd.
2480 Tingkat Perusahaan, Enam Perai Free Trade Zone
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar (U.S.) Industries Inc.
4660 Pow-Mia Memorial Parkway, Suite 200
Jacksonville FL 32221, United States Of America

Jinko Solar Technology Sdn. Bhd.
Lot 393, Ladang Valdor, Kawasan Perindustrian Valdor
14200 Sungai Jawi, Pulau Pinang, Malaysia

Jiangsu Focus Solar Energy Technology Co., Ltd.
No. 66, Lifa Avenue Development Zone, Hai'an County
226600 Nantong City Jiangsu, China

VIET NAM GREEN ENERGY COMMERCIAL SERVICE S CO., LTD.
LotD1-1, DaiDong-Hoan Son Industrial Zone, Hoan Son Commune
220000 Tien Du District, Bac Ninh, Vietnam

Jinko Solar Technology Sdn. Bhd.
No. 1412, Lorong Perusahaan 1, Kawasan Perusahaan Perai
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar (Haining) Co., Ltd.
No.199, Xinyue Road, Huangwan Town
314415 Haining City Zhejiang, China

Jinko Solar (Feidong) Co., Ltd.
No. 1, southwest corner of the intersection of Longxing Avenue and Shichi Road, Hefei Circular Economy Demonstration Park
231600 Feidong County, Hefei City Anhui, China

Jinko PV (Shangrao Guangxin) Co., Ltd.
No.18, Jian xing road, Chating Economic Development Zone, Guangxin District
334000 Shangrao City Jiangxi, China

Shangrao Jinko Photovoltaic Manufacturing Co., Ltd.
Room2-1,Office Building1-1,South of Development Road,West of Jinko Redouble Increasing Area,Shangrao Economic Development Zone
334100 Shangrao City Jiangxi, China

JINKO SOLAR (VIETNAM) INDUSTRIES COMPANY LIMITED
CN- XL- 6, 11-Song Khoai Industrial Park, Song Khoai Commune
02200 Quang Yen City, Quang Ninh Province, Vietnam

Trade name(s): Jinko stands for

Unique Identifier

# CERTIFICATE

Issued to:

Applicant:
**Jinko Solar Co., Ltd.**
**No.1 Yingbin Road, Economic Development Zone**
**334100 Shangrao City Jiangxi, China**

Licensee:
**Jinko Solar Co., Ltd.**
**No.1 Yingbin Road, Economic Development Zone**
**334100 Shangrao City Jiangxi, China**

| | | |
|---|---|---|
| Product | : | Crystalline Silicon PV Modules |
| Trade name(s) | : | Jinko |
| Type(s)/model(s) | : | PV module with poly/mono c-Si cells |

The product and any acceptable variation thereto as specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:
- an evaluation according to the standard(s) EN IEC 61701:2020 and IEC 61701:2020
- a periodic surveillance
- a DEKRA certification agreement with the number 6063744

DEKRA hereby grants the right to use the DEKRA Seal certification mark.

DEKRA hereby grants the right to use the DEKRA Seal certification mark with the following content:

| | | |
|---|---|---|
| Category | : | Photovoltaic |
| Keyword | : | Salt Mist Resistance |
| Keyword | : | Periodic Factory Inspection |

The DEKRA Seal certification mark may be applied to the product or documentation as specified in this certificate for the duration and under the conditions of the DEKRA Seal certification agreement.

This certificate is issued on 29 August 2023 and expires at the latest on 19 November 2026.

Certificate number: 31-90002-012 REV.7

DEKRA Certification B.V.

B.T.M. Holtus
Managing Director

C. Lin
Certification Manager



31-90002-012

## SPECIFICATION OF THE CERTIFIED PRODUCT

### Product data

| | | |
|---|---|---|
| Product | : | Crystalline Silicon PV Modules |
| Trade name(s) | : | Jinko |
| Type(s)/model(s) | : | JKMxxxP-72-V, JKMxxxP-72-V-J, JKMxxxPP-60, JKMxxxPP-60(Plus), JKMxxxPP-60(Plus)-V, JKMxxxPP-60-V, JKMxxxPP-60-V-J, JKMxxxPP-60B, JKMxxxPP-60B-V, JKMxxxPP-60H, JKMxxxPP-60H-V, JKMxxxPP-60HB, JKMxxxPP-60HB-V, JKMxxxPP-72, JKMxxxPP-72(Plus), JKMxxxPP-72(Plus)-J4, JKMxxxPP-72(Plus)-V, JKMxxxPP-72B, JKMxxxPP-72B-V, JKMxxxPP-72H, JKMxxxPP-72H-V, JKMxxxPP-72HB and JKMxxxPP-72HB-V |
| Test Method | : | 6 |

### Product data – type JKMxxxP-72-V

| | | |
|---|---|---|
| Design | : | PV module with poly c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=250-390, with increments of 5W, 72 cells |

### Product data – type JKMxxxP-72-V-J

| | | |
|---|---|---|
| Design | : | PV module with poly c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=250-390, with increments of 5W, 72 cells |

### Product data – type JKMxxxPP-60

| | | |
|---|---|---|
| Design | : | PV module with poly c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=260-290, with increments of 5W, 60 cells |

### Product data – type JKMxxxPP-60(Plus)

| | | |
|---|---|---|
| Design | : | PV module with poly c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=260-290, with increments of 5W, 60 cells |

### Product data – type JKMxxxPP-60(Plus)-V

| | | |
|---|---|---|
| Design | : | PV module with poly c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=260-290, with increments of 5W, 60 cells |

### Product data – type JKMxxxPP-60B

| | | |
|---|---|---|
| Design | : | PV module with poly c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=260-290, with increments of 5W, 60 cells |

### Product data – type JKMxxxPP-60B-V

| | | |
|---|---|---|
| Design | : | PV module with poly c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=260-290, with increments of 5W, 60 cells |

**Product data – type JKMxxxPP-60H**

| | | |
|---|---|---|
| Design | : | PV module with poly c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=260-315, with increments of 5W, 120 half cut cells |

**Product data – type JKMxxxPP-60HB**

| | | |
|---|---|---|
| Design | : | PV module with poly c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=260-315, with increments of 5W, 120 half cut cells |

**Product data – type JKMxxxPP-60HB-V**

| | | |
|---|---|---|
| Design | : | PV module with poly c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=210-325, with increments of 5W, 120 half cut cells |

**Product data – type JKMxxxPP-60H-V**

| | | |
|---|---|---|
| Design | : | PV module with poly c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=210-325, with increments of 5W, 120 half cut cells |

**Product data – type JKMxxxPP-60-V**

| | | |
|---|---|---|
| Design | : | PV module with poly c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=210-325, with increments of 5W, 60 cells |

**Product data – type JKMxxxPP-60-V-J**

| | | |
|---|---|---|
| Design | : | PV module with poly c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=210-325, with increments of 5W, 60 cells |

**Product data – type JKMxxxPP-72**

| | | |
|---|---|---|
| Design | : | PV module with poly c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=320-355, with increments of 5W, 72 cells |

**Product data – type JKMxxxPP-72(Plus)**

| | | |
|---|---|---|
| Design | : | PV module with poly c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=320-355, with increments of 5W, 72 cells |

**Product data – type JKMxxxPP-72(Plus)-J4**

| | | |
|---|---|---|
| Design | : | PV module with poly c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=250-390, with increments of 5W, 72 cells |

**Product data – type JKMxxxPP-72(Plus)-V**

| | | |
|---|---|---|
| Design | : | PV module with poly c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=320-355, with increments of 5W, 72 cells |

**Product data – type JKMxxxPP-72B**

| | | |
|---|---|---|
| Design | : | PV module with poly c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=320-355, with increments of 5W, 72 cells |

**Product data – type JKMxxxPP-72B-V**

| | | |
|---|---|---|
| Design | : | PV module with poly c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=320-355, with increments of 5W, 72 cells |

**Product data – type JKMxxxPP-72H**

| | | |
|---|---|---|
| Design | : | PV module with poly c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=330-380, with increments of 5W, 144 half cut cells |

**Product data – type JKMxxxPP-72HB**

| | | |
|---|---|---|
| Design | : | PV module with poly c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=330-380, with increments of 5W, 144 half cut cells |

**Product data – type JKMxxxPP-72HB-V**

| | | |
|---|---|---|
| Design | : | PV module with poly c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=250-390, with increments of 5W, 144 half cut cells |

**Product data – type JKMxxxPP-72H-V**

| | | |
|---|---|---|
| Design | : | PV module with poly c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=250-390, with increments of 5W, 144 half cut cells |

## TESTS

**Test requirements**
EN IEC 61701:2020
IEC 61701:2020

**Test result**
The test results are laid down in DEKRA test file 616159300.

**Additional information**
This certificate replaces certificate No. 31-90002-012 REV.6 which we hereby declare invalid.

The list of components is laid down in test report 6161593B.50.

**Conclusion**
The examination proved that all requirements were met.

**Factory locations**

Jinko Solar (Chuzhou) Co., Ltd.
No. 18 Liming Road, Lai'an Economic Development Zone
239200 Chuzhou City Anhui, China

Jinko Solar (Yiwu) Co., Ltd.
No.1555 Chengxin Road, Niansanli Street
322009 Yiwu City Zhejiang, China

Jinko Solar Co., Ltd.
No. 1 Jinko Road, Shangrao Economic Development Zone
334100 Shangrao City Jiangxi, China

Jinko Solar (Shangrao) Co., Ltd.
No.1, Yingbin Road, Economic Development Zone
334100 Shangrao City Jiangxi, China

Zhejiang Jinko Solar Co., Ltd.
No.58, Yuanxi Road, Yuanhua Town
314416 Haining City, Jiaxing City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Lot 10085, Plot C & D, Jalan Perusahaan, Mukim 1, Seberang Perai Tengah
13600 Perai, Pulau Pinang, Malaysia

Yuhuan Jinko solar Co., Ltd.
No 5. Jinghai Road, Economic development zone
317600 Yuhuan City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Plot 538 Tingkat Perusahaan 4B, Perai Free Trade Zone
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar Technology Sdn. Bhd.
2480 Tingkat Perusahaan, Enam Perai Free Trade Zone
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar (U.S.) Industries Inc.
4660 Pow-Mia Memorial Parkway, Suite 200
Jacksonville FL 32221, United States Of America

Jinko Solar Technology Sdn. Bhd.
Lot 393, Ladang Valdor, Kawasan Perindustrian Valdor
14200 Sungai Jawi, Pulau Pinang, Malaysia

Jiangsu Focus Solar Energy Technology Co., Ltd.
No. 66, Lifa Avenue Development Zone, Hai'an County
226600 Nantong City Jiangsu, China

VIET NAM GREEN ENERGY COMMERCIAL SERVICE S CO., LTD.
LotD1-1, DaiDong-Hoan Son Industrial Zone, Hoan Son Commune
220000 Tien Du District, Bac Ninh, Vietnam

Jinko Solar Technology Sdn. Bhd.
No. 1412, Lorong Perusahaan 1, Kawasan Perusahaan Perai
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar (Haining) Co., Ltd.
No.199, Xinyue Road, Huangwan Town
314415 Haining City Zhejiang, China

Jinko Solar (Feidong) Co., Ltd.
No. 1, southwest corner of the intersection of Longxing Avenue and Shichi Road, Hefei Circular Economy Demonstration Park
231600 Feidong County, Hefei City Anhui, China

Jinko PV (Shangrao Guangxin) Co., Ltd.
No.18, Jian xing road, Chating Economic Development Zone, Guangxin District
334000 Shangrao City Jiangxi, China

Shangrao Jinko Photovoltaic Manufacturing Co., Ltd.
Room2-1,Office Building1-1,South of Development Road,West of Jinko Redouble Increasing Area,Shangrao Economic Development Zone
334100 Shangrao City Jiangxi, China

JINKO SOLAR (VIETNAM) INDUSTRIES COMPANY LIMITED
CN- XL- 6, 11-Song Khoai Industrial Park, Song Khoai Commune
02200 Quang Yen City, Quang Ninh Province, Vietnam

Trade name(s): Jinko stands for

Unique Identifier

# CERTIFICATE

Issued to:

Applicant:
**Jinko Solar Co., Ltd.**
**No.1 Yingbin Road, Economic Development Zone**
**334100 Shangrao City Jiangxi, China**

Licensee:
**Jinko Solar Co., Ltd.**
**No.1 Yingbin Road, Economic Development Zone**
**334100 Shangrao City Jiangxi, China**

| | | |
|---|---|---|
| Product | : | Crystalline Silicon PV Modules |
| Trade name(s) | : | Jinko |
| Type(s)/model(s) | : | PV module with poly/mono c-Si cells |

The product and any acceptable variation thereto as specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:
- an evaluation according to the standard(s) EN IEC 61701:2020 and IEC 61701:2020
- a periodic surveillance
- a DEKRA certification agreement with the number 6063744

DEKRA hereby grants the right to use the DEKRA Seal certification mark.

DEKRA hereby grants the right to use the DEKRA Seal certification mark with the following content:

| | | |
|---|---|---|
| Category | : | Photovoltaic |
| Keyword | : | Salt Mist Resistance |
| Keyword | : | Periodic Factory Inspection |

The DEKRA Seal certification mark may be applied to the product or documentation as specified in this certificate for the duration and under the conditions of the DEKRA Seal certification agreement.

This certificate is issued on 29 August 2023 and expires at the latest on 19 November 2026.

Certificate number: 31-90002-013 REV.8

DEKRA Certification B.V.

B.T.M. Holtus
Managing Director

C. Lin
Certification Manager



31-90002-013

## SPECIFICATION OF THE CERTIFIED PRODUCT

### Product data

| | | |
|---|---|---|
| Product | : | Crystalline Silicon PV Modules |
| Trade name(s) | : | Jinko |
| Type(s)/model(s) | : | JKMSxxxM-72HBL-MX3, JKMSxxxPP-72H-MX3, JKMxxxM-66H-TV, JKMxxxN-78HL4, JKMxxxN-78HL4-TV, JKMxxxN-78HL4-V, JKMxxxPP-72-V, JKMxxxPP-72-V-J, JKSM3-CACA-xxx, JKSM3-CCCA-xxx, JKSM3-CFCA-xxx, JKSM3-CHCA-xxx, JKSM3-DACA-xxx, JKSM3-DCCA-xxx, JKSM3-DFCA-xxx, JKSM3-DHCA-xxx, JKSN3-CCCA-xxx, JKSN3-CHCA-xxx, JKSN3-DCCA-xxx, JKSN3-DHCA-xxx, JKxxxM-66H5-BTV, JKxxxM-66H5-MW, JKxxxM-66H5-MWV, JKxxxM-66R5-BTV, JKxxxM-66R5-MW, JKxxxM-66R5-MWV, JKxxxN-66H5-BTV, MMxxx-54HLD-MB, MMxxx-54HLD-MBV, MMxxx-5RLD-MB, MMxxx-5RLD-MBV, MMxxx-60HLA-AB, MMxxx-60HLA-ABV, MMxxx-60HLA-BB, MMxxx-60HLA-BBV, MMxxx-60HLA-BBV-MBB, MMxxx-60HLA-MB, MMxxx-60HLA-MB-MBB, MMxxx-60HLA-MBV, MMxxx-60HLA-MBV-MBB, MMxxx-60HLD-MB, MMxxx-60HLD-MBV and MMxxx-60HLM-MB |
| Test Method | : | 6 |

### Product data – type JKMSxxxM-72HBL-MX3

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=335-395, with increments of 5W, 144 half cut cells |

### Product data – type JKMSxxxPP-72H-MX3

| | | |
|---|---|---|
| Design | : | PV module with poly c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=330-380, with increments of 5W, 144 half cut cells |

### Product data – type JKMxxxM-66H-TV

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=345-385, with increments of 5W, 132 half cut cells |

### Product data – type JKMxxxN-78HL4

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=570-650, with increments of 5W, 156 half-cut cells |

### Product data – type JKMxxxN-78HL4-TV

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=570-605, with increment of 5W, 156 half-cut cells |

### Product data – type JKMxxxN-78HL4-V

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=570-650, with increment of 5W, 156 half-cut cells |

**Product data – type JKMxxxPP-72-V**

| | | |
|---|---|---|
| Design | : | PV module with poly c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=250-390, with increments of 5W, 72 cells |

**Product data – type JKMxxxPP-72-V-J**

| | | |
|---|---|---|
| Design | : | PV module with poly c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=250-390, with increments of 5W, 72 cells |

**Product data – type JKSM3-CACA-xxx**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=335-390, with increments of 5W, 132 half cut cells |

**Product data – type JKSM3-CCCA-xxx**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=340-405, with increments of 5W, 132 half cut cells |

**Product data – type JKSM3-CFCA-xxx**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=335-370, with increments of 5W, 132 half-cut cells |

**Product data – type JKSM3-CHCA-xxx**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=340-380, with increments of 5W, 132 half-cut cells |

**Product data – type JKSM3-DACA-xxx**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=400-440, with increments of 5W, 156 half cut cells |

**Product data – type JKSM3-DCCA-xxx**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=400-450, with increments of 5W, 156 half cut cells |

**Product data – type JKSM3-DFCA-xxx**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=400-440, with increments of 5W, 156 half-cut cells |

**Product data – type JKSM3-DHCA-xxx**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |

Maximum System voltage : 1000V
Description : xxx=400-450, with increments of 5W, 156 half-cut cells

**Product data – type JKSN3-CCCA-xxx**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=345-390, with increments of 5W, 132 half cut cells

**Product data – type JKSN3-CHCA-xxx**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=345-370, with increments of 5W, 132 half-cut cells

**Product data – type JKSN3-DCCA-xxx**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=410-440, with increments of 5W, 156 half cut cells

**Product data – type JKSN3-DHCA-xxx**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=410-440, with increments of 5W, 156 half-cut cells

**Product data – type JKxxxM-66H5-BTV**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=635-665, with increments of 5W, 132 half cut cells

**Product data – type JKxxxM-66H5-MW**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=635-670, with increments of 5W, 132 half-cut cells

**Product data – type JKxxxM-66H5-MWV**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=635-670, with increments of 5W, 132 half cut cells

**Product data – type JKxxxM-66R5-BTV**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=630-660, with increments of 5W, 132 half cut cells

**Product data – type JKxxxM-66R5-MW**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=630-665, with increments of 5W, 132 half-cut cells

**Product data – type JKxxxM-66R5-MWV**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=630-665, with increments of 5W, 132 half cut cells |

**Product data – type JKxxxN-66H5-BTV**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=635-670, with increments of 5W, 132 half-cut cells |

**Product data – type MMxxx-54HLD-MB**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=360-420, with increments of 5W, 108 half-cut cells |

**Product data – type MMxxx-54HLD-MBV**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=360-420, with increments of 5W, 108 half cut cells |

**Product data – type MMxxx-5RLD-MB**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=375-405, with increments of 5W, 108 half-cut cells |

**Product data – type MMxxx-5RLD-MBV**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=375-405, with increments of 5W, 108 half cut cells |

**Product data – type MMxxx-60HLA-AB**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=270-350, with increments of 5W, 120 half-cut cells |

**Product data – type MMxxx-60HLA-ABV**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=270-350, with increments of 5W, 120 half cut cells |

**Product data – type MMxxx-60HLA-BB**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=315-355, with increments of 5W, 120 half-cut cells |

**Product data – type MMxxx-60HLA-BBV**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=315-335, with increments of 5W, 120 half cut cells |

**Product data – type MMxxx-60HLA-BBV-MBB**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=320-335, with increments of 5W, 120 half cut cells |

**Product data – type MMxxx-60HLA-MB**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=270-350, with increments of 5W, 120 half-cut cells |

**Product data – type MMxxx-60HLA-MB-MBB**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=320-355, with increments of 5W, 120 half-cut cells |

**Product data – type MMxxx-60HLA-MBV**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=270-350, with increments of 5W, 120 half cut cells |

**Product data – type MMxxx-60HLA-MBV-MBB**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=320-355, with increments of 5W, 120 half cut cells |

**Product data – type MMxxx-60HLD-MB**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=400-470, with increments of 5W, 120 half-cut cells |

**Product data – type MMxxx-60HLD-MBV**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=400-470, with increments of 5W, 120 half cut cells |

**Product data – type MMxxx-60HLM-MB**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=350-385, with increments of 5W, 120 half-cut cells |

## TESTS

**Test requirements**
EN IEC 61701:2020
IEC 61701:2020

**Test result**
The test results are laid down in DEKRA test file 616159300.

**Additional information**
This certificate replaces certificate No. 31-90002-013 REV.7 which we hereby declare invalid.

The list of components is laid down in test report 6161593B.50.

**Conclusion**
The examination proved that all requirements were met.

**Factory locations**
Jinko Solar (Chuzhou) Co., Ltd.
No. 18 Liming Road, Lai'an Economic Development Zone
239200 Chuzhou City Anhui, China

Jinko Solar (Yiwu) Co., Ltd.
No.1555 Chengxin Road, Niansanli Street
322009 Yiwu City Zhejiang, China

Jinko Solar Co., Ltd.
No. 1 Jinko Road, Shangrao Economic Development Zone
334100 Shangrao City Jiangxi, China

Jinko Solar (Shangrao) Co., Ltd.
No.1, Yingbin Road, Economic Development Zone
334100 Shangrao City Jiangxi, China

Zhejiang Jinko Solar Co., Ltd.
No.58, Yuanxi Road, Yuanhua Town
314416 Haining City, Jiaxing City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Lot 10085, Plot C & D, Jalan Perusahaan, Mukim 1, Seberang Perai Tengah
13600 Perai, Pulau Pinang, Malaysia

Yuhuan Jinko solar Co., Ltd.
No 5. Jinghai Road, Economic development zone
317600 Yuhuan City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Plot 538 Tingkat Perusahaan 4B, Perai Free Trade Zone
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar Technology Sdn. Bhd.
2480 Tingkat Perusahaan, Enam Perai Free Trade Zone
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar (U.S.) Industries Inc.
4660 Pow-Mia Memorial Parkway, Suite 200
Jacksonville FL 32221, United States Of America

Jinko Solar Technology Sdn. Bhd.
Lot 393, Ladang Valdor, Kawasan Perindustrian Valdor
14200 Sungai Jawi, Pulau Pinang, Malaysia

Jiangsu Focus Solar Energy Technology Co., Ltd.
No. 66, Lifa Avenue Development Zone, Hai'an County
226600 Nantong City Jiangsu, China

VIET NAM GREEN ENERGY COMMERCIAL SERVICE S CO., LTD.
LotD1-1, DaiDong-Hoan Son Industrial Zone, Hoan Son Commune
220000 Tien Du District, Bac Ninh, Vietnam

Jinko Solar Technology Sdn. Bhd.
No. 1412, Lorong Perusahaan 1, Kawasan Perusahaan Perai
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar (Haining) Co., Ltd.
No.199, Xinyue Road, Huangwan Town
314415 Haining City Zhejiang, China

Jinko Solar (Feidong) Co., Ltd.
No. 1, southwest corner of the intersection of Longxing Avenue and Shichi Road, Hefei Circular Economy Demonstration Park
231600 Feidong County, Hefei City Anhui, China

Jinko PV (Shangrao Guangxin) Co., Ltd.
No.18, Jian xing road, Chating Economic Development Zone, Guangxin District
334000 Shangrao City Jiangxi, China

Shangrao Jinko Photovoltaic Manufacturing Co., Ltd.
Room2-1,Office Building1-1,South of Development Road,West of Jinko Redouble Increasing Area,Shangrao Economic Development Zone
334100 Shangrao City Jiangxi, China

JINKO SOLAR (VIETNAM) INDUSTRIES COMPANY LIMITED
CN- XL- 6, 11-Song Khoai Industrial Park, Song Khoai Commune
02200 Quang Yen City, Quang Ninh Province, Vietnam

Trade name(s): Jinko stands for

Unique Identifier

# CERTIFICATE

Issued to:

Applicant:
**Jinko Solar Co., Ltd.**
**No.1 Yingbin Road, Economic Development Zone**
**334100 Shangrao City Jiangxi, China**

Licensee:
**Jinko Solar Co., Ltd.**
**No.1 Yingbin Road, Economic Development Zone**
**334100 Shangrao City Jiangxi, China**

| | | |
|---|---|---|
| Product | : | Crystalline Silicon PV Modules |
| Trade name(s) | : | Jinko |
| Type(s)/model(s) | : | PV module with poly/mono c-Si cells |

The product and any acceptable variation thereto as specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:
- an evaluation according to the standard(s) EN IEC 61701:2020 and IEC 61701:2020
- a periodic surveillance
- a DEKRA certification agreement with the number 6063744

DEKRA hereby grants the right to use the DEKRA Seal certification mark.

DEKRA hereby grants the right to use the DEKRA Seal certification mark with the following content:

| | | |
|---|---|---|
| Category | : | Photovoltaic |
| Keyword | : | Salt Mist Resistance |
| Keyword | : | Periodic Factory Inspection |

The DEKRA Seal certification mark may be applied to the product or documentation as specified in this certificate for the duration and under the conditions of the DEKRA Seal certification agreement.

This certificate is issued on 29 August 2023 and expires at the latest on 19 November 2026.

Certificate number: 31-90002-014 REV.7

DEKRA Certification B.V.

B.T.M. Holtus
Managing Director

C. Lin
Certification Manager



31-90002-014

## SPECIFICATION OF THE CERTIFIED PRODUCT

### Product data

| | | |
|---|---|---|
| Product | : | Crystalline Silicon PV Modules |
| Trade name(s) | : | Jinko |
| Type(s)/model(s) | : | MMxxx-60HLM-MBV, MMxxx-60LA-AB, MMxxx-60LA-ABV, MMxxx-60LA-MB, MMxxx-60LA-MBV, MMxxx-66HLA-AB, MMxxx-66HLA-ABV, MMxxx-66HLA-BBV, MMxxx-66HLA-MB, MMxxx-66HLA-MB-MBB, MMxxx-66HLA-MBV, MMxxx-66HLA-MBV-MBB, MMxxx-66HLD-MB, MMxxx-66HLD-MBV, MMxxx-6RLC-AB, MMxxx-6RLC-ABV, MMxxx-6RLC-BBV, MMxxx-6RLC-MB, MMxxx-6RLC-MBV, MMxxx-6RLD-MB, MMxxx-6RLD-MBV, MMxxx-6TLC-AB, MMxxx-6TLC-ABV, MMxxx-6TLC-BBV, MMxxx-6TLC-MB, MMxxx-6TLC-MBV, MMxxx-6TLD-MB, MMxxx-6TLD-MBV, MMxxx-72HLA-AB, MMxxx-72HLA-ABV, MMxxx-72HLA-BB, MMxxx-72HLA-BBV, MMxxx-72HLA-BBV-MBB, MMxxx-72HLA-MB, MMxxx-72HLA-MB-MBB, MMxxx-72HLA-MBV, MMxxx-72HLA-MBV-MBB, MMxxx-72HLD-MB, MMxxx-72HLD-MBV, MMxxx-72HLM-MB, MMxxx-72HLM-MBV, MMxxx-72LA-AB, MMxxx-72LA-ABV, MMxxx-72LA-MB, MMxxx-72LA-MBV, MMxxx-78HLA-AB, MMxxx-78HLA-ABV, MMxxx-78HLA-BBV, MMxxx-78HLA-MB and MMxxx-78HLA-MB-MBB |
| Test Method | : | 6 |

### Product data – type MMxxx-60HLM-MBV

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=350-385, with increments of 5W, 120 half cut cells |

### Product data – type MMxxx-60LA-AB

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=270-340, with increments of 5W, 60 cells |

### Product data – type MMxxx-60LA-ABV

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=270-340, with increments of 5W, 60 cells |

### Product data – type MMxxx-60LA-MB

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=270-340, with increments of 5W, 60 cells |

### Product data – type MMxxx-60LA-MBV

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=270-340, with increments of 5W, 60 cells |

**Product data – type MMxxx-66HLA-AB**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=340-365, with increments of 5W, 132 half-cut cells |

**Product data – type MMxxx-66HLA-ABV**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=340-365, with increments of 5W, 132 half cut cells |

**Product data – type MMxxx-66HLA-BBV**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=340-385, with increments of 5W, 132 half cut cells |

**Product data – type MMxxx-66HLA-MB**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=340-390, with increments of 5W, 132 half-cut cells |

**Product data – type MMxxx-66HLA-MB-MBB**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=370-390, with increments of 5W, 132 half-cut cells |

**Product data – type MMxxx-66HLA-MBV**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=340-390, with increments of 5W, 132 half cut cells |

**Product data – type MMxxx-66HLA-MBV-MBB**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=370-390, with increments of 5W, 132 half cut cells |

**Product data – type MMxxx-66HLD-MB**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=440-505, with increments of 5W, 132 half-cut cells |

**Product data – type MMxxx-66HLD-MBV**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=440-505, with increments of 5W, 132 half cut cells |

**Product data – type MMxxx-6RLC-AB**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=360-405,, with increments of 5W, 132 half-cut cells |

**Product data – type MMxxx-6RLC-ABV**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=360-405, with increments of 5W, 132 half cut cells |

**Product data – type MMxxx-6RLC-BBV**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=355-400, with increments of 5W, 132 half cut cells |

**Product data – type MMxxx-6RLC-MB**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=360-400, with increments of 5W, 132 half-cut cells |

**Product data – type MMxxx-6RLC-MBV**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=360-400, with increments of 5W, 132 half cut cells |

**Product data – type MMxxx-6RLD-MB**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=455-495, with increments of 5W, 132 half-cut cells |

**Product data – type MMxxx-6RLD-MBV**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=455-495, with increments of 5W, 132 half cut cells |

**Product data – type MMxxx-6TLC-AB**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=320-365, with increments of 5W, 120 half-cut cells |

**Product data – type MMxxx-6TLC-ABV**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=320-365, with increments of 5W, 120 half cut cells |

**Product data – type MMxxx-6TLC-BBV**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=325-365, with increments of 5W, 120 half cut cells |

**Product data – type MMxxx-6TLC-MB**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |

Maximum System voltage : 1000V
Description : xxx=335-365, with increments of 5W, 120 half-cut cells

**Product data – type MMxxx-6TLC-MBV**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=335-365, with increments of 5W, 120 half cut cells

**Product data – type MMxxx-6TLD-MB**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=415-450, with increments of 5W, 120 half-cut cells

**Product data – type MMxxx-6TLD-MBV**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=415-450, with increments of 5W, 120 half cut cells

**Product data – type MMxxx-72HLA-AB**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=335-425, with increments of 5W, 144 half-cut cells

**Product data – type MMxxx-72HLA-ABV**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=335-425, with increments of 5W, 144 half cut cells

**Product data – type MMxxx-72HLA-BB**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=375-425, with increments of 5W, 144 half-cut cells

**Product data – type MMxxx-72HLA-BBV**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=375-425, with increments of 5W, 144 half cut cells

**Product data – type MMxxx-72HLA-BBV-MBB**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=385-405, with increments of 5W, 144 half cut cells

**Product data – type MMxxx-72HLA-MB**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=335-425, with increments of 5W, 144 half-cut cells

**Product data – type MMxxx-72HLA-MB-MBB**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=385-425, with increments of 5W, 144 half-cut cells |

**Product data – type MMxxx-72HLA-MBV**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=335-425, with increments of 5W, 144 half cut cells |

**Product data – type MMxxx-72HLA-MBV-MBB**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=385-425, with increments of 5W, 144 half cut cells |

**Product data – type MMxxx-72HLD-MB**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=475-570, with increments of 5W, 144 half-cut cells |

**Product data – type MMxxx-72HLD-MBV**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=475-570, with increments of 5W, 144 half cut cells |

**Product data – type MMxxx-72HLM-MB**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=420-465, with increments of 5W, 144 half-cut cells |

**Product data – type MMxxx-72HLM-MBV**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=420-465, with increments of 5W, 144 half cut cells |

**Product data – type MMxxx-72LA-AB**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=335-410, with increments of 5W, 72 cells |

**Product data – type MMxxx-72LA-ABV**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=335-410, with increments of 5W, 72 cells |

**Product data – type MMxxx-72LA-MB**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=335-410, with increments of 5W, 72 cells |

**Product data – type MMxxx-72LA-MBV**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=335-410, with increments of 5W, 72 cells |

**Product data – type MMxxx-78HLA-AB**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=405-435, with increments of 5W, 156 half-cut cells |

**Product data – type MMxxx-78HLA-ABV**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=405-435, with increments of 5W, 156 half cut cells |

**Product data – type MMxxx-78HLA-BBV**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=405-455, with increments of 5W, 156 half cut cells |

**Product data – type MMxxx-78HLA-MB**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=405-465, with increments of 5W, 156 half-cut cells |

**Product data – type MMxxx-78HLA-MB-MBB**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=440-465, with increments of 5W, 156 half-cut cells |

## TESTS

**Test requirements**
EN IEC 61701:2020
IEC 61701:2020

**Test result**
The test results are laid down in DEKRA test file 616159300.

**Additional information**
This certificate replaces certificate No. 31-90002-014 REV.6 which we hereby declare invalid.

The list of components is laid down in test report 6161593B.50.

**Conclusion**
The examination proved that all requirements were met.

**Factory locations**

Jinko Solar (Chuzhou) Co., Ltd.
No. 18 Liming Road, Lai'an Economic Development Zone
239200 Chuzhou City Anhui, China

Jinko Solar (Yiwu) Co., Ltd.
No.1555 Chengxin Road, Niansanli Street
322009 Yiwu City Zhejiang, China

Jinko Solar Co., Ltd.
No. 1 Jinko Road, Shangrao Economic Development Zone
334100 Shangrao City Jiangxi, China

Jinko Solar (Shangrao) Co., Ltd.
No.1, Yingbin Road, Economic Development Zone
334100 Shangrao City Jiangxi, China

Zhejiang Jinko Solar Co., Ltd.
No.58, Yuanxi Road, Yuanhua Town
314416 Haining City, Jiaxing City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Lot 10085, Plot C & D, Jalan Perusahaan, Mukim 1, Seberang Perai Tengah
13600 Perai, Pulau Pinang, Malaysia

Yuhuan Jinko solar Co., Ltd.
No 5. Jinghai Road, Economic development zone
317600 Yuhuan City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Plot 538 Tingkat Perusahaan 4B, Perai Free Trade Zone
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar Technology Sdn. Bhd.
2480 Tingkat Perusahaan, Enam Perai Free Trade Zone
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar (U.S.) Industries Inc.
4660 Pow-Mia Memorial Parkway, Suite 200
Jacksonville FL 32221, United States Of America

Jinko Solar Technology Sdn. Bhd.
Lot 393, Ladang Valdor, Kawasan Perindustrian Valdor
14200 Sungai Jawi, Pulau Pinang, Malaysia

Jiangsu Focus Solar Energy Technology Co., Ltd.
No. 66, Lifa Avenue Development Zone, Hai'an County
226600 Nantong City Jiangsu, China

VIET NAM GREEN ENERGY COMMERCIAL SERVICE S CO., LTD.
LotD1-1, DaiDong-Hoan Son Industrial Zone, Hoan Son Commune
220000 Tien Du District, Bac Ninh, Vietnam

Jinko Solar Technology Sdn. Bhd.
No. 1412, Lorong Perusahaan 1, Kawasan Perusahaan Perai
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar (Haining) Co., Ltd.
No.199, Xinyue Road, Huangwan Town
314415 Haining City Zhejiang, China

Jinko Solar (Feidong) Co., Ltd.
No. 1, southwest corner of the intersection of Longxing Avenue and Shichi Road, Hefei Circular Economy Demonstration Park
231600 Feidong County, Hefei City Anhui, China

Jinko PV (Shangrao Guangxin) Co., Ltd.
No.18, Jian xing road, Chating Economic Development Zone, Guangxin District
334000 Shangrao City Jiangxi, China

Shangrao Jinko Photovoltaic Manufacturing Co., Ltd.
Room2-1,Office Building1-1,South of Development Road,West of Jinko Redouble Increasing Area,Shangrao Economic Development Zone
334100 Shangrao City Jiangxi, China

JINKO SOLAR (VIETNAM) INDUSTRIES COMPANY LIMITED
CN- XL- 6, 11-Song Khoai Industrial Park, Song Khoai Commune
02200 Quang Yen City, Quang Ninh Province, Vietnam

Trade name(s): Jinko stands for

Unique Identifier

# CERTIFICATE

Issued to:

Applicant:
**Jinko Solar Co., Ltd.**
**No.1 Yingbin Road, Economic Development Zone**
**334100 Shangrao City Jiangxi, China**

Licensee:
**Jinko Solar Co., Ltd.**
**No.1 Yingbin Road, Economic Development Zone**
**334100 Shangrao City Jiangxi, China**

| | | |
|---|---|---|
| Product | : | Crystalline Silicon PV Modules |
| Trade name(s) | : | Jinko |
| Type(s)/model(s) | : | PV module with poly/mono c-Si cells |

The product and any acceptable variation thereto as specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:
- an evaluation according to the standard(s) EN IEC 61701:2020 and IEC 61701:2020
- a periodic surveillance
- a DEKRA certification agreement with the number 6063744

DEKRA hereby grants the right to use the DEKRA Seal certification mark.

DEKRA hereby grants the right to use the DEKRA Seal certification mark with the following content:

| | | |
|---|---|---|
| Category | : | Photovoltaic |
| Keyword | : | Salt Mist Resistance |
| Keyword | : | Periodic Factory Inspection |

The DEKRA Seal certification mark may be applied to the product or documentation as specified in this certificate for the duration and under the conditions of the DEKRA Seal certification agreement.

This certificate is issued on 29 August 2023 and expires at the latest on 19 November 2026.

Certificate number: 31-90002-015 REV.7

DEKRA Certification B.V.

B.T.M. Holtus
Managing Director

C. Lin
Certification Manager



31-90002-015

## SPECIFICATION OF THE CERTIFIED PRODUCT

### Product data

| | | |
|---|---|---|
| Product | : | Crystalline Silicon PV Modules |
| Trade name(s) | : | Jinko |
| Type(s)/model(s) | : | MMxxx-78HLA-MBV, MMxxx-78HLA-MBV-MBB, MMxxx-78HLD-MBV, MMxxx-7RLC-AB, MMxxx-7RLC-ABV, MMxxx-7RLC-BBV, MMxxx-7RLC-MB, MMxxx-7RLC-MBV, MMxxx-7RLD-MB, MMxxx-7RLD-MBV, MMxxx-7TLD-MB, MMxxx-7TLD-MBV, MNxxx-54HLD-BBV, MNxxx-54HLD-MB, MNxxx-54HLD-MBV, MNxxx-5RLD-BBV, MNxxx-5RLD-MB, MNxxx-5RLD-MBV, MNxxx-60HLA-AB-MBB, MNxxx-60HLA-ABV-MBB, MNxxx-60HLA-BBV-MBB, MNxxx-60HLA-MB-MBB, MNxxx-60HLA-MBV-MBB, MNxxx-60HLD-BBV, MNxxx-60HLD-MBV, MNxxx-66HLD-BBV, MNxxx-66HLD-MB, MNxxx-66HLD-MBV, MNxxx-6RLC-AB, MNxxx-6RLC-ABV, MNxxx-6RLC-BBV, MNxxx-6RLC-MB, MNxxx-6RLC-MBV, MNxxx-6RLD-BBV, MNxxx-6RLD-MB, MNxxx-6RLD-MBV, MNxxx-6TLC-AB, MNxxx-6TLC-ABV, MNxxx-6TLC-BBV, MNxxx-6TLC-MB, MNxxx-6TLC-MBV, MNxxx-6TLD-BBV, MNxxx-6TLD-MB, MNxxx-6TLD-MBV, MNxxx-72HLA-AB-MBB, MNxxx-72HLA-ABV-MBB, MNxxx-72HLA-BBV-MBB, MNxxx-72HLA-MB-MBB and SMMxxx-78HLA-MBV-TI |
| Test Method | : | 6 |

### Product data – type MMxxx-78HLA-MBV

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=405-465, with increments of 5W, 156 half cut cells |

### Product data – type MMxxx-78HLA-MBV-MBB

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=440-465, with increments of 5W, 156 half cut cells |

### Product data – type MMxxx-78HLD-MBV

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=565-605, with increments of 5W, 156 half cut cells |

### Product data – type MMxxx-7RLC-AB

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=425-480, with increments of 5W, 156 half-cut cells |

### Product data – type MMxxx-7RLC-ABV

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=425-480, with increments of 5W, 156 half cut cells |

**Product data – type MMxxx-7RLC-BBV**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=420-475, with increments of 5W, 156 half cut cells |

**Product data – type MMxxx-7RLC-MB**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=430-475, with increments of 5W, 156 half-cut cells |

**Product data – type MMxxx-7RLC-MBV**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=430-475, with increments of 5W, 156 half cut cells |

**Product data – type MMxxx-7RLD-MB**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=535-590, with increments of 5W, 156 half-cut cells |

**Product data – type MMxxx-7RLD-MBV**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=535-590, with increments of 5W, 156 half cut cells |

**Product data – type MMxxx-7TLD-MB**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=495-540, with increments of 5W, 144 half-cut cells |

**Product data – type MMxxx-7TLD-MBV**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=495-540, with increments of 5W, 144 half cut cells |

**Product data – type MNxxx-54HLD-BBV**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=380-405, with increments of 5W, 108 half cut cells |

**Product data – type MNxxx-54HLD-MB**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=365-415, with increments of 5W, 108 half-cut cells |

**Product data – type MNxxx-54HLD-MBV**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=365-415, with increments of 5W, 108 half cut cells |

**Product data – type MNxxx-5RLD-BBV**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=365-405, with increments of 5W, 108 half cut cells |

**Product data – type MNxxx-5RLD-MB**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=375-405, with increments of 5W, 108 half-cut cells |

**Product data – type MNxxx-5RLD-MBV**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=375-405, with increments of 5W, 108 half cut cells |

**Product data – type MNxxx-60HLA-AB-MBB**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=315-330, with increments of 5W, 120 half-cut cells |

**Product data – type MNxxx-60HLA-ABV-MBB**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=315-330, with increments of 5W, 120 half cut cells |

**Product data – type MNxxx-60HLA-BBV-MBB**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=330-350, with increments of 5W, 120 half cut cells |

**Product data – type MNxxx-60HLA-MB-MBB**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=320-350, with increments of 5W, 120 half-cut cells |

**Product data – type MNxxx-60HLA-MBV-MBB**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=320-350, with increments of 5W, 120 half cut cells |

**Product data – type MNxxx-60HLD-BBV**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=400-450, with increments of 5W, 120 half cut cells |

**Product data – type MNxxx-60HLD-MBV**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |

Maximum System voltage : 1500V
Description : xxx=405-460, with increments of 5W, 120 half cut cells

**Product data – type MNxxx-66HLD-BBV**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=440-495, with increments of 5W, 132 half cut cells

**Product data – type MNxxx-66HLD-MB**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=445-505, with increments of 5W, 132 half-cut cells

**Product data – type MNxxx-66HLD-MBV**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=445-505, with increments of 5W, 132 half cut cells

**Product data – type MNxxx-6RLC-AB**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=360-405, with increments of 5W, 132 half-cut cells

**Product data – type MNxxx-6RLC-ABV**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=360-405, with increments of 5W, 132 half cut cells

**Product data – type MNxxx-6RLC-BBV**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=355-400, with increments of 5W, 132 half cut cells

**Product data – type MNxxx-6RLC-MB**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=360-410, with increments of 5W, 132 half-cut cells

**Product data – type MNxxx-6RLC-MBV**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=360-400, with increments of 5W, 132 half cut cells

**Product data – type MNxxx-6RLD-BBV**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=440-495, with increments of 5W, 132 half cut cells

**Product data – type MNxxx-6RLD-MB**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=455-495, with increments of 5W, 132 half-cut cells |

**Product data – type MNxxx-6RLD-MBV**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=455-495, with increments of 5W, 132 half cut cells |

**Product data – type MNxxx-6TLC-AB**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=320-365, with increments of 5W, 120 half-cut cells |

**Product data – type MNxxx-6TLC-ABV**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=320-365, with increments of 5W, 120 half cut cells |

**Product data – type MNxxx-6TLC-BBV**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=325-365, with increments of 5W, 120 half cut cells |

**Product data – type MNxxx-6TLC-MB**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=335-375, with increments of 5W, 120 half-cut cells |

**Product data – type MNxxx-6TLC-MBV**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=335-365, with increments of 5W, 120 half cut cells |

**Product data – type MNxxx-6TLD-BBV**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=400-450, with increments of 5W, 120 half cut cells |

**Product data – type MNxxx-6TLD-MB**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=415-450, with increments of 5W, 120 half-cut cells |

**Product data – type MNxxx-6TLD-MBV**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=415-450, with increments of 5W, 120 half cut cells |

**Product data – type MNxxx-72HLA-AB-MBB**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=380-400, with increments of 5W, 144 half-cut cells |

**Product data – type MNxxx-72HLA-ABV-MBB**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=380-400, with increments of 5W, 144 half cut cells |

**Product data – type MNxxx-72HLA-BBV-MBB**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=390-420, with increments of 5W, 144 half cut cells |

**Product data – type MNxxx-72HLA-MB-MBB**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=385-425, with increments of 5W, 144 half-cut cells |

**Product data – type SMMxxx-78HLA-MBV-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=405-465, with increments of 5W, 156 half cut cells |

**TESTS**

**Test requirements**
EN IEC 61701:2020
IEC 61701:2020

**Test result**
The test results are laid down in DEKRA test file 616159300.

**Additional information**
This certificate replaces certificate No. 31-90002-015 REV.6 which we hereby declare invalid.

The list of components is laid down in test report 6161593B.50.

**Conclusion**
The examination proved that all requirements were met.

**Factory locations**
Jinko Solar (Chuzhou) Co., Ltd.
No. 18 Liming Road, Lai'an Economic Development Zone
239200 Chuzhou City Anhui, China

Jinko Solar (Yiwu) Co., Ltd.
No.1555 Chengxin Road, Niansanli Street
322009 Yiwu City Zhejiang, China

Jinko Solar Co., Ltd.
No. 1 Jinko Road, Shangrao Economic Development Zone
334100 Shangrao City Jiangxi, China

Jinko Solar (Shangrao) Co., Ltd.
No.1, Yingbin Road, Economic Development Zone
334100 Shangrao City Jiangxi, China

Zhejiang Jinko Solar Co., Ltd.
No.58, Yuanxi Road, Yuanhua Town
314416 Haining City, Jiaxing City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Lot 10085, Plot C & D, Jalan Perusahaan, Mukim 1, Seberang Perai Tengah
13600 Perai, Pulau Pinang, Malaysia

Yuhuan Jinko solar Co., Ltd.
No 5. Jinghai Road, Economic development zone
317600 Yuhuan City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Plot 538 Tingkat Perusahaan 4B, Perai Free Trade Zone
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar Technology Sdn. Bhd.
2480 Tingkat Perusahaan, Enam Perai Free Trade Zone
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar (U.S.) Industries Inc.
4660 Pow-Mia Memorial Parkway, Suite 200
Jacksonville FL 32221, United States Of America

Jinko Solar Technology Sdn. Bhd.
Lot 393, Ladang Valdor, Kawasan Perindustrian Valdor
14200 Sungai Jawi, Pulau Pinang, Malaysia

Jiangsu Focus Solar Energy Technology Co., Ltd.
No. 66, Lifa Avenue Development Zone, Hai'an County
226600 Nantong City Jiangsu, China

VIET NAM GREEN ENERGY COMMERCIAL SERVICE S CO., LTD.
LotD1-1, DaiDong-Hoan Son Industrial Zone, Hoan Son Commune
220000 Tien Du District, Bac Ninh, Vietnam

Jinko Solar Technology Sdn. Bhd.
No. 1412, Lorong Perusahaan 1, Kawasan Perusahaan Perai
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar (Haining) Co., Ltd.
No.199, Xinyue Road, Huangwan Town
314415 Haining City Zhejiang, China

Jinko Solar (Feidong) Co., Ltd.
No. 1, southwest corner of the intersection of Longxing Avenue and Shichi Road, Hefei Circular Economy Demonstration Park
231600 Feidong County, Hefei City Anhui, China

Jinko PV (Shangrao Guangxin) Co., Ltd.
No.18, Jian xing road, Chating Economic Development Zone, Guangxin District
334000 Shangrao City Jiangxi, China

Shangrao Jinko Photovoltaic Manufacturing Co., Ltd.
Room2-1,Office Building1-1,South of Development Road,West of Jinko Redouble Increasing Area,Shangrao Economic Development Zone
334100 Shangrao City Jiangxi, China

JINKO SOLAR (VIETNAM) INDUSTRIES COMPANY LIMITED
CN- XL- 6, 11-Song Khoai Industrial Park, Song Khoai Commune
02200 Quang Yen City, Quang Ninh Province, Vietnam

Trade name(s): Jinko stands for

Unique Identifier

# CERTIFICATE

Issued to:

Applicant:
**Jinko Solar Co., Ltd.**
**No.1 Yingbin Road, Economic Development Zone**
**334100 Shangrao City Jiangxi, China**

Licensee:
**Jinko Solar Co., Ltd.**
**No.1 Yingbin Road, Economic Development Zone**
**334100 Shangrao City Jiangxi, China**

| | | |
|---|---|---|
| Product | : | Crystalline Silicon PV Modules |
| Trade name(s) | : | Jinko |
| Type(s)/model(s) | : | PV module with poly/mono c-Si cells |

The product and any acceptable variation thereto as specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:
- an evaluation according to the standard(s) EN IEC 61701:2020 and IEC 61701:2020
- a periodic surveillance
- a DEKRA certification agreement with the number 6063744

DEKRA hereby grants the right to use the DEKRA Seal certification mark.

DEKRA hereby grants the right to use the DEKRA Seal certification mark with the following content:

| | | |
|---|---|---|
| Category | : | Photovoltaic |
| Keyword | : | Salt Mist Resistance |
| Keyword | : | Periodic Factory Inspection |

The DEKRA Seal certification mark may be applied to the product or documentation as specified in this certificate for the duration and under the conditions of the DEKRA Seal certification agreement.

This certificate is issued on 30 August 2023 and expires at the latest on 19 November 2026.

Certificate number: 31-90002-016 REV.7

DEKRA Certification B.V.

B.T.M. Holtus
Managing Director

C. Lin
Certification Manager



31-90002-016

## SPECIFICATION OF THE CERTIFIED PRODUCT

### Product data

| | | |
|---|---|---|
| Product | : | Crystalline Silicon PV Modules |
| Trade name(s) | : | Jinko |
| Type(s)/model(s) | : | MNxxx-72HLA-MBV-MBB, MNxxx-72HLD-BBV, MNxxx-72HLD-MB, MNxxx-72HLD-MBV, MNxxx-7RLC-AB, MNxxx-7RLC-ABV, MNxxx-7RLC-BBV, MNxxx-7RLC-MB, MNxxx-7RLC-MBV, MNxxx-7RLD-BBV, MNxxx-7RLD-MB, MNxxx-7RLD-MBV, MNxxx-7TLD-BBV, MNxxx-7TLD-M, MNxxx-7TLD-MBV, SMMxxx-60HLA-AB-MX3, SMMxxx-60HLA-AB-TI, SMMxxx-60HLA-ABV-MX3, SMMxxx-60HLA-ABV-TI, SMMxxx-60HLA-MB-MBB-TI, SMMxxx-60HLA-MB-MX3, SMMxxx-60HLA-MB-TI, SMMxxx-60HLA-MBV-MBB-TI, SMMxxx-60HLA-MBV-MX3, SMMxxx-60HLA-MBV-TI, SMMxxx-60LA-AB-MX3, SMMxxx-60LA-AB-TI, SMMxxx-60LA-ABV-MX3, SMMxxx-60LA-ABV-TI, SMMxxx-60LA-MB-MX3, SMMxxx-60LA-MB-TI, SMMxxx-60LA-MBV-MX3, SMMxxx-60LA-MBV-TI, SMMxxx-66HLA-AB-TI, SMMxxx-66HLA-ABV-TI, SMMxxx-66HLA-MB-TI, SMMxxx-66HLA-MBV-TI, SMMxxx-6RLC-AB-TI, SMMxxx-6RLC-ABV-TI, SMMxxx-6RLC-MB-TI, SMMxxx-6RLC-MBV-TI, SMMxxx-6TLC-AB-TI, SMMxxx-6TLC-ABV-TI, SMMxxx-6TLC-MB-TI, SMMxxx-6TLC-MBV-TI and SMMxxx-72HLA-AB-MX3 |
| Test Method | : | 6 |

### Product data – type MNxxx-72HLA-MBV-MBB

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=385-425, with increments of 5W, 144 half cut cells |

### Product data – type MNxxx-72HLD-BBV

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=480-545, with increments of 5W, 144 half cut cells |

### Product data – type MNxxx-72HLD-MB

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=485-555, with increments of 5W, 144 half-cut cells |

### Product data – type MNxxx-72HLD-MBV

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=485-555, with increments of 5W, 144 half cut cells |

### Product data – type MNxxx-7RLC-AB

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=425-480, with increments of 5W, 156 half-cut cells |

**Product data – type MNxxx-7RLC-ABV**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=425-480, with increments of 5W, 156 half cut cells |

**Product data – type MNxxx-7RLC-BBV**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=425-475, with increments of 5W, 156 half cut cells |

**Product data – type MNxxx-7RLC-MB**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=430-490, with increments of 5W, 156 half-cut cells |

**Product data – type MNxxx-7RLC-MBV**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=430-475, with increments of 5W, 156 half cut cells |

**Product data – type MNxxx-7RLD-BBV**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=520-585, with increments of 5W, 156 half cut cells |

**Product data – type MNxxx-7RLD-MB**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=535-590, with increments of 5W, 156 half-cut cells |

**Product data – type MNxxx-7RLD-MBV**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=535-590, with increments of 5W, 156 half cut cells |

**Product data – type MNxxx-7TLD-BBV**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=480-540, with increments of 5W, 144 half cut cells |

**Product data – type MNxxx-7TLD-M**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=495-540, with increments of 5W, 144 half-cut cells |

**Product data – type MNxxx-7TLD-MBV**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |

Description : xxx=495-540, with increments of 5W, 144 half cut cells

**Product data – type SMMxxx-60HLA-AB-MX3**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=270-340, with increments of 5W, 120 half-cut cells

**Product data – type SMMxxx-60HLA-AB-TI**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=270-350, with increments of 5W, 120 half-cut cells

**Product data – type SMMxxx-60HLA-ABV-MX3**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=270-340, with increments of 5W, 120 half cut cells

**Product data – type SMMxxx-60HLA-ABV-TI**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=270-350, with increments of 5W, 120 half cut cells

**Product data – type SMMxxx-60HLA-MB-MBB-TI**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=320-355, with increments of 5W, 120 half-cut cells

**Product data – type SMMxxx-60HLA-MB-MX3**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=270-340, with increments of 5W, 120 half-cut cells

**Product data – type SMMxxx-60HLA-MB-TI**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=270-350, with increments of 5W, 120 half-cut cells

**Product data – type SMMxxx-60HLA-MBV-MBB-TI**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=320-355, with increments of 5W, 120 half cut cells

**Product data – type SMMxxx-60HLA-MBV-MX3**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=270-340, with increments of 5W, 120 half cut cells

**Product data – type SMMxxx-60HLA-MBV-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=270-350, with increments of 5W, 120 half cut cells |

**Product data – type SMMxxx-60LA-AB-MX3**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=270-340, with increments of 5W, 60 cells |

**Product data – type SMMxxx-60LA-AB-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=270-340, with increments of 5W, 60 cells |

**Product data – type SMMxxx-60LA-ABV-MX3**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=270-340, with increments of 5W, 60 cells |

**Product data – type SMMxxx-60LA-ABV-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=270-340, with increments of 5W, 60 cells |

**Product data – type SMMxxx-60LA-MB-MX3**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=270-340, with increments of 5W, 60 cells |

**Product data – type SMMxxx-60LA-MB-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=270-340, with increments of 5W, 60 cells |

**Product data – type SMMxxx-60LA-MBV-MX3**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=270-340, with increments of 5W, 60 cells |

**Product data – type SMMxxx-60LA-MBV-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=270-340, with increments of 5W, 60 cells |

**Product data – type SMMxxx-66HLA-AB-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=340-365, with increments of 5W, 132 half-cut cells |

**Product data – type SMMxxx-66HLA-ABV-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=340-365, with increments of 5W, 132 half cut cells |

**Product data – type SMMxxx-66HLA-MB-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=340-390, with increments of 5W, 132 half-cut cells |

**Product data – type SMMxxx-66HLA-MBV-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=340-390, with increments of 5W, 132 half cut cells |

**Product data – type SMMxxx-6RLC-AB-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=360-405,, with increments of 5W, 132 half-cut cells |

**Product data – type SMMxxx-6RLC-ABV-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=360-405, with increments of 5W, 132 half cut cells |

**Product data – type SMMxxx-6RLC-MB-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=360-400, with increments of 5W, 132 half-cut cells |

**Product data – type SMMxxx-6RLC-MBV-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=360-400, with increments of 5W, 132 half cut cells |

**Product data – type SMMxxx-6TLC-AB-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=320-365, with increments of 5W, 120 half-cut cells |

**Product data – type SMMxxx-6TLC-ABV-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=320-365, with increments of 5W, 120 half cut cells |

**Product data – type SMMxxx-6TLC-MB-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |

Maximum System voltage : 1000V
Description : xxx=335-365, with increments of 5W, 120 half-cut cells

**Product data – type SMMxxx-6TLC-MBV-TI**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=335-365, with increments of 5W, 120 half cut cells

**Product data – type SMMxxx-72HLA-AB-MX3**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=335-395, with increments of 5W, 144 half-cut cells

## TESTS

**Test requirements**
EN IEC 61701:2020
IEC 61701:2020

**Test result**
The test results are laid down in DEKRA test file 616159300.

**Additional information**
This certificate replaces certificate No. 31-90002-016 REV.6 which we hereby declare invalid.

The list of components is laid down in test report 6161593B.50.

**Conclusion**
The examination proved that all requirements were met.

**Factory locations**
Jinko Solar (Chuzhou) Co., Ltd.
No. 18 Liming Road, Lai'an Economic Development Zone
239200 Chuzhou City Anhui, China

Jinko Solar (Yiwu) Co., Ltd.
No.1555 Chengxin Road, Niansanli Street
322009 Yiwu City Zhejiang, China

Jinko Solar Co., Ltd.
No. 1 Jinko Road, Shangrao Economic Development Zone
334100 Shangrao City Jiangxi, China

Jinko Solar (Shangrao) Co., Ltd.
No.1, Yingbin Road, Economic Development Zone
334100 Shangrao City Jiangxi, China

Zhejiang Jinko Solar Co., Ltd.
No.58, Yuanxi Road, Yuanhua Town
314416 Haining City, Jiaxing City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Lot 10085, Plot C & D, Jalan Perusahaan, Mukim 1, Seberang Perai Tengah
13600 Perai, Pulau Pinang, Malaysia

Yuhuan Jinko solar Co., Ltd.
No 5. Jinghai Road, Economic development zone
317600 Yuhuan City Zhejiang, China

Jinko Solar Technology Sdn. Bhd.
Plot 538 Tingkat Perusahaan 4B, Perai Free Trade Zone
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar Technology Sdn. Bhd.
2480 Tingkat Perusahaan, Enam Perai Free Trade Zone
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar (U.S.) Industries Inc.
4660 Pow-Mia Memorial Parkway, Suite 200
Jacksonville FL 32221, United States Of America

Jinko Solar Technology Sdn. Bhd.
Lot 393, Ladang Valdor, Kawasan Perindustrian Valdor
14200 Sungai Jawi, Pulau Pinang, Malaysia

Jiangsu Focus Solar Energy Technology Co., Ltd.
No. 66, Lifa Avenue Development Zone, Hai'an County
226600 Nantong City Jiangsu, China

VIET NAM GREEN ENERGY COMMERCIAL SERVICE S CO., LTD.
LotD1-1, DaiDong-Hoan Son Industrial Zone, Hoan Son Commune
220000 Tien Du District, Bac Ninh, Vietnam

Jinko Solar Technology Sdn. Bhd.
No. 1412, Lorong Perusahaan 1, Kawasan Perusahaan Perai
13600 Perai, Pulau Pinang, Malaysia

Jinko Solar (Haining) Co., Ltd.
No.199, Xinyue Road, Huangwan Town
314415 Haining City Zhejiang, China

Jinko Solar (Feidong) Co., Ltd.
No. 1, southwest corner of the intersection of Longxing Avenue and Shichi Road, Hefei Circular Economy Demonstration Park
231600 Feidong County, Hefei City Anhui, China

Jinko PV (Shangrao Guangxin) Co., Ltd.
No.18, Jian xing road, Chating Economic Development Zone, Guangxin District
334000 Shangrao City Jiangxi, China

Shangrao Jinko Photovoltaic Manufacturing Co., Ltd.
Room2-1,Office Building1-1,South of Development Road,West of Jinko Redouble Increasing Area,Shangrao Economic Development Zone
334100 Shangrao City Jiangxi, China

JINKO SOLAR (VIETNAM) INDUSTRIES COMPANY LIMITED
CN- XL- 6, 11-Song Khoai Industrial Park, Song Khoai Commune
02200 Quang Yen City, Quang Ninh Province, Vietnam

Trade name(s): Jinko stands for

Unique Identifier

# CERTIFICATE

Issued to:
Applicant:
**Jinko Solar Co., Ltd.**
**No.1 Yingbin Road, Economic Development Zone**
**334100 Shangrao City Jiangxi, China**

Licensee:
**Jinko Solar Co., Ltd.**
**No.1 Yingbin Road, Economic Development Zone**
**334100 Shangrao City Jiangxi, China**

| | | |
|---|---|---|
| Product | : | Crystalline Silicon PV Modules |
| Trade name(s) | : | Jinko |
| Type(s)/model(s) | : | PV module with poly/mono c-Si cells |

The product and any acceptable variation thereto as specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:
- an evaluation according to the standard(s) EN IEC 61701:2020 and IEC 61701:2020
- a periodic surveillance
- a DEKRA certification agreement with the number 6063744

DEKRA hereby grants the right to use the DEKRA Seal certification mark.

DEKRA hereby grants the right to use the DEKRA Seal certification mark with the following content:

| | | |
|---|---|---|
| Category | : | Photovoltaic |
| Keyword | : | Salt Mist Resistance |
| Keyword | : | Periodic Factory Inspection |

The DEKRA Seal certification mark may be applied to the product or documentation as specified in this certificate for the duration and under the conditions of the DEKRA Seal certification agreement.

This certificate is issued on 29 August 2023 and expires at the latest on 19 November 2026.

Certificate number: 31-90002-017 REV.7

DEKRA Certification B.V.

B.T.M. Holtus
Managing Director

C. Lin
Certification Manager



31-90002-017

## SPECIFICATION OF THE CERTIFIED PRODUCT

### Product data

| | | |
|---|---|---|
| Product | : | Crystalline Silicon PV Modules |
| Trade name(s) | : | Jinko |
| Type(s)/model(s) | : | SMMxxx-72HLA-AB-TI, SMMxxx-72HLA-ABV-MX3, SMMxxx-72HLA-ABV-TI, SMMxxx-72HLA-MB-MBB-TI, SMMxxx-72HLA-MB-MX3, SMMxxx-72HLA-MB-TI, SMMxxx-72HLA-MBV-MBB-TI, SMMxxx-72HLA-MBV-MX3, SMMxxx-72HLA-MBV-TI, SMMxxx-72LA-AB-MX3, SMMxxx-72LA-AB-TI, SMMxxx-72LA-ABV-MX3, SMMxxx-72LA-ABV-TI, SMMxxx-72LA-MB-MX3, SMMxxx-72LA-MB-TI, SMMxxx-72LA-MBV, SMMxxx-72LA-MBV-MX3, SMMxxx-72LA-MBV-TI, SMMxxx-78HLA-AB-TI, SMMxxx-78HLA-ABV-TI, SMMxxx-78HLA-MB-TI, SMMxxx-7RLC-AB-TI, SMMxxx-7RLC-ABV-TI, SMMxxx-7RLC-MB-TI, SMMxxx-7RLC-MBV-TI, SMNxxx-60HLA-AB-MBB-TI, SMNxxx-60HLA-ABV-MBB-TI, SMNxxx-60HLA-MB-MBB-TI, SMNxxx-60HLA-MBV-MBB-TI, SMNxxx-6RLC-AB-TI, SMNxxx-6RLC-ABV-TI, SMNxxx-6RLC-MBV-TI, SMNxxx-6TLC-AB-TI, SMNxxx-6TLC-ABV-TI, SMNxxx-6TLC-MB-TI, SMNxxx-6TLC-MBV-TI, SMNxxx-72HLA-AB-MBB-TI, SMNxxx-72HLA-ABV-MBB-TI, SMNxxx-72HLA-MB-MBB-TI, SMNxxx-72HLA-MBV-MBB-TI, SMNxxx-7RLC-AB-TI, SMNxxx-7RLC-ABV-TI, SMNxxx-7RLC-MB-TI and SMNxxx-7RLC-MBV-TI |
| Test Method | : | 6 |

### Product data – type SMMxxx-72HLA-AB-TI

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=335-425, with increments of 5W, 144 half-cut cells |

### Product data – type SMMxxx-72HLA-ABV-MX3

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=335-395, with increments of 5W, 144 half cut cells |

### Product data – type SMMxxx-72HLA-ABV-TI

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=335-425, with increments of 5W, 144 half cut cells |

### Product data – type SMMxxx-72HLA-MB-MBB-TI

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=385-425, with increments of 5W, 144 half-cut cells |

### Product data – type SMMxxx-72HLA-MB-MX3

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=335-395, with increments of 5W, 144 half-cut cells |

**Product data – type SMMxxx-72HLA-MB-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=335-425, with increments of 5W, 144 half-cut cells |

**Product data – type SMMxxx-72HLA-MBV-MBB-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=385-425, with increments of 5W, 144 half cut cells |

**Product data – type SMMxxx-72HLA-MBV-MX3**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=335-395, with increments of 5W, 144 half cut cells |

**Product data – type SMMxxx-72HLA-MBV-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=335-425, with increments of 5W, 144 half cut cells |

**Product data – type SMMxxx-72LA-AB-MX3**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=335-395, with increments of 5W, 72 cells |

**Product data – type SMMxxx-72LA-AB-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=335-410, with increments of 5W, 72 cells |

**Product data – type SMMxxx-72LA-ABV-MX3**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=335-395, with increments of 5W, 72 cells |

**Product data – type SMMxxx-72LA-ABV-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=335-410, with increments of 5W, 72 cells |

**Product data – type SMMxxx-72LA-MB-MX3**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=335-395, with increments of 5W, 72 cells |

**Product data – type SMMxxx-72LA-MB-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |

Maximum System voltage : 1000V
Description : xxx=335-410, with increments of 5W, 72 cells

**Product data – type SMMxxx-72LA-MBV**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=335-410, with increments of 5W, 72 cells

**Product data – type SMMxxx-72LA-MBV-MX3**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=335-395, with increments of 5W, 72 cells

**Product data – type SMMxxx-72LA-MBV-TI**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=335-410, with increments of 5W, 72 cells

**Product data – type SMMxxx-78HLA-AB-TI**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=405-435, with increments of 5W, 156 half-cut cells

**Product data – type SMMxxx-78HLA-ABV-TI**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=405-435, with increments of 5W, 156 half cut cells

**Product data – type SMMxxx-78HLA-MB-TI**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=405-465, with increments of 5W, 156 half-cut cells

**Product data – type SMMxxx-7RLC-AB-TI**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=425-480, with increments of 5W, 156 half-cut cells

**Product data – type SMMxxx-7RLC-ABV-TI**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=425-480, with increments of 5W, 156 half cut cells

**Product data – type SMMxxx-7RLC-MB-TI**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=430-475, with increments of 5W, 156 half-cut cells

**Product data – type SMMxxx-7RLC-MBV-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=430-475, with increments of 5W, 156 half cut cells |

**Product data – type SMNxxx-60HLA-AB-MBB-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=315-330, with increments of 5W, 120 half-cut cells |

**Product data – type SMNxxx-60HLA-ABV-MBB-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=315-330, with increments of 5W, 120 half cut cells |

**Product data – type SMNxxx-60HLA-MB-MBB-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=320-350, with increments of 5W, 120 half-cut cells |

**Product data – type SMNxxx-60HLA-MBV-MBB-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=320-350, with increments of 5W, 120 half cut cells |

**Product data – type SMNxxx-6RLC-AB-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=360-405, with increments of 5W, 132 half-cut cells |

**Product data – type SMNxxx-6RLC-ABV-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=360-405, with increments of 5W, 132 half cut cells |

**Product data – type SMNxxx-6RLC-MBV-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=360-400, with increments of 5W, 132 half cut cells |

**Product data – type SMNxxx-6TLC-AB-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=320-365, with increments of 5W, 120 half-cut cells |

**Product data – type SMNxxx-6TLC-ABV-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=320-365, with increments of 5W, 120 half cut cells |

**Product data – type SMNxxx-6TLC-MB-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=335-375, with increments of 5W, 120 half-cut cells |

**Product data – type SMNxxx-6TLC-MBV-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=335-365, with increments of 5W, 120 half cut cells |

**Product data – type SMNxxx-72HLA-AB-MBB-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=380-400, with increments of 5W, 144 half-cut cells |

**Product data – type SMNxxx-72HLA-ABV-MBB-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=380-400, with increments of 5W, 144 half cut cells |

**Product data – type SMNxxx-72HLA-MB-MBB-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=385-425, with increments of 5W, 144 half-cut cells |

**Product data – type SMNxxx-72HLA-MBV-MBB-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=385-425, with increments of 5W, 144 half cut cells |

**Product data – type SMNxxx-7RLC-AB-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=425-480, with increments of 5W, 156 half-cut cells |

**Product data – type SMNxxx-7RLC-ABV-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=425-480, with increments of 5W, 156 half cut cells |

**Product data – type SMNxxx-7RLC-MB-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=430-490, with increments of 5W, 156 half-cut cells |

**Product data – type SMNxxx-7RLC-MBV-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |

Maximum System voltage : 1500V
Description : xxx=430-475, with increments of 5W, 156 half cut cells

## TESTS

### Test requirements
EN IEC 61701:2020
IEC 61701:2020

### Test result
The test results are laid down in DEKRA test file 616159300.

### Additional information
This certificate replaces certificate No. 31-90002-017 REV.6 which we hereby declare invalid.

The list of components is laid down in test report 6161593B.50.

### Conclusion
The examination proved that all requirements were met.

### Factory locations
Jinko Solar (Chuzhou) Co., Ltd.
No. 18 Liming Road, Lai'an Economic Development Zone
239200 Chuzhou City Anhui, China

Jinko Solar (Yiwu) Co., Ltd.
No.1555 Chengxin Road, Niansanli Street
322009 Yiwu City Zhejiang, China

Jinko Solar Co., Ltd.
No. 1 Jinko Road, Shangrao Economic Development Zone
334100 Shangrao City Jiangxi, China

Jinko Solar (Shangrao) Co., Ltd.
No.1, Yingbin Road, Economic Development Zone
334100 Shangrao City Jiangxi, China

Zhejiang Jinko Solar Co., Ltd.
No.58, Yuanxi Road, Yuanhua Town
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Jinko Solar Technology Sdn. Bhd.
Lot 10085, Plot C & D, Jalan Perusahaan, Mukim 1, Seberang Perai Tengah
13600 Perai, Pulau Pinang, Malaysia

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No 5. Jinghai Road, Economic development zone
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Plot 538 Tingkat Perusahaan 4B, Perai Free Trade Zone
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2480 Tingkat Perusahaan, Enam Perai Free Trade Zone
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4660 Pow-Mia Memorial Parkway, Suite 200
Jacksonville FL 32221, United States Of America

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14200 Sungai Jawi, Pulau Pinang, Malaysia

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VIET NAM GREEN ENERGY COMMERCIAL SERVICE S CO., LTD.
LotD1-1, DaiDong-Hoan Son Industrial Zone, Hoan Son Commune
220000 Tien Du District, Bac Ninh, Vietnam

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No. 1412, Lorong Perusahaan 1, Kawasan Perusahaan Perai
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No.199, Xinyue Road, Huangwan Town
314415 Haining City Zhejiang, China

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No. 1, southwest corner of the intersection of Longxing Avenue and Shichi Road, Hefei Circular Economy Demonstration Park
231600 Feidong County, Hefei City Anhui, China

Jinko PV (Shangrao Guangxin) Co., Ltd.
No.18, Jian xing road, Chating Economic Development Zone, Guangxin District
334000 Shangrao City Jiangxi, China

Shangrao Jinko Photovoltaic Manufacturing Co., Ltd.
Room2-1,Office Building1-1,South of Development Road,West of Jinko Redouble Increasing Area,Shangrao Economic Development Zone
334100 Shangrao City Jiangxi, China

JINKO SOLAR (VIETNAM) INDUSTRIES COMPANY LIMITED
CN- XL- 6, 11-Song Khoai Industrial Park, Song Khoai Commune
02200 Quang Yen City, Quang Ninh Province, Vietnam

Trade name(s): Jinko stands for

Unique Identifier

# CERTIFICATE

Issued to:
Applicant:
**Jinko Solar Co., Ltd.**
**No.1 Yingbin Road, Economic Development Zone**
**334100 Shangrao City Jiangxi, China**

Licensee:
**Jinko Solar Co., Ltd.**
**No.1 Yingbin Road, Economic Development Zone**
**334100 Shangrao City Jiangxi, China**

| | | |
|---|---|---|
| Product | : | Crystalline Silicon PV Modules |
| Trade name(s) | : | Jinko |
| Type(s)/model(s) | : | PV module with poly/mono c-Si cells |

The product and any acceptable variation thereto as specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:
- an evaluation according to the standard(s) EN IEC 61701:2020 and IEC 61701:2020
- a periodic surveillance
- a DEKRA certification agreement with the number 6063744

DEKRA hereby grants the right to use the DEKRA Seal certification mark.

DEKRA hereby grants the right to use the DEKRA Seal certification mark with the following content:

| | | |
|---|---|---|
| Category | : | Photovoltaic |
| Keyword | : | Salt Mist Resistance |
| Keyword | : | Periodic Factory Inspection |

The DEKRA Seal certification mark may be applied to the product or documentation as specified in this certificate for the duration and under the conditions of the DEKRA Seal certification agreement.

This certificate is issued on 29 August 2023 and expires at the latest on 19 November 2026.

Certificate number: 31-90002-018 REV.7

DEKRA Certification B.V.

B.T.M. Holtus
Managing Director

C. Lin
Certification Manager



31-90002-018

## SPECIFICATION OF THE CERTIFIED PRODUCT

### Product data

| | | |
|---|---|---|
| Product | : | Crystalline Silicon PV Modules |
| Trade name(s) | : | Jinko |
| Type(s)/model(s) | : | JKMSxxxM-60H-MBB-MX3, JKMSxxxM-60HB-V-TI, JKMSxxxM-60HL-V-TI, JKMSxxxM-6RL3-B-MX3, JKMSxxxM-6RL3-B-V-TI, JKMSxxxM-6RL3-MX3, JKMSxxxM-6RL3-V-MX3, JKMSxxxM-6TL3-B-MX3, JKMSxxxM-6TL3-B-TI, JKMSxxxM-6TL3-MX3, JKMSxxxM-6TL3-V-MX3, JKMSxxxM-72H-V-TI, JKMSxxxM-72HB-V-TI, JKMSxxxM-72HBL-V-TI, JKMSxxxM-72HL-V-TI, JKMSxxxM-7RL3-B-TI, JKMSxxxM-7RL3-B-V-TI, JKMSxxxN-60H-MBB-B-V-TI, JKMSxxxN-6RL3-B-MX3, JKMSxxxN-6RL3-MX3, JKMSxxxN-6RL3-V-MX3, JKMSxxxN-6TL3-B-MX3, JKMSxxxN-6TL3-MX3, JKMSxxxN-6TL3-V-MX3, JKMSxxxN-72H-MBB-B-V-TI, JKMxxxN-54HL4R, JKMxxxN-54HL4R-B, JKMxxxN-54HL4R-V, JKMxxxN-5RL4-TV, JKMxxxN-60HL4R, JKMxxxN-60HL4R-V, JKMxxxN-66H-TV, JKMxxxN-66HL4-V, JKMxxxN-6RL4-TV, JKMxxxN-6RL4-V, JKMxxxN-6TL4-TV, JKMxxxN-6TL4-V, JKMxxxN-72HL4R, JKMxxxN-72HL4R-TV, JKMxxxN-72HL4R-V, JKMxxxN-78HL4-TV, JKMxxxN-78HL4R, JKMxxxN-78HL4R-TV, JKMxxxN-78HL4R-V, JKMxxxN-7RL4-TV, JKMxxxN-7RL4-V, JKMxxxN-7TL4R, JKMxxxN-7TL4R-TV, JKMxxxN-7TL4R-V, JKxxxN-66H5-BTV, JKxxxN-66H5-MW, JKxxxN-66H5-MWV, MNxxx-60HLD-MB and SMNxxx-6RLC-MB-TI |
| Test Method | : | 6 |

### Product data – type JKMSxxxM-60HB-V-TI

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=210-375, with increments of 5W, 120 cells |

### Product data – type JKMSxxxM-60HL-V-TI

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=210-375, with increments of 5W, 120 cells |

### Product data – type JKMSxxxM-60H-MBB-MX3

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=320-355, with increments of 5W, 120 cells |

### Product data – type JKMSxxxM-6RL3-B-MX3

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=360-405, with increments of 5W, 132 half-cut cells |

### Product data – type JKMSxxxM-6RL3-B-V-TI

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |

Maximum System voltage : 1500V
Description : xxx=360-405, with increments of 5W, 132 cells

**Product data – type JKMSxxxM-6RL3-MX3**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=360-415, with increments of 5W, 132 half-cut cells

**Product data – type JKMSxxxM-6RL3-V-MX3**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=360-415, with increments of 5W, 132 half-cut cells

**Product data – type JKMSxxxM-6TL3-B-MX3**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=320-365, with increments of 5W, 120 cells

**Product data – type JKMSxxxM-6TL3-B-TI**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=320-365, with increments of 5W, 120 cells

**Product data – type JKMSxxxM-6TL3-MX3**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=335-380, with increments of 5W, 120 cells

**Product data – type JKMSxxxM-6TL3-V-MX3**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=335-380, with increments of 5W, 120 half-cut cells

**Product data – type JKMSxxxM-72HBL-V-TI**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=335-450, with increments of 5W, 144 cells

**Product data – type JKMSxxxM-72HB-V-TI**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=335-450, with increments of 5W, 144 cells

**Product data – type JKMSxxxM-72HL-V-TI**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=250-450, with increments of 5W, 144 cells

**Product data – type JKMSxxxM-72H-V-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=250-450, with increments of 5W, 144 cells |

**Product data – type JKMSxxxM-7RL3-B-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=425-480, with increments of 5W, 156 cells |

**Product data – type JKMSxxxM-7RL3-B-V-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=425-480, with increments of 5W, 156 cells |

**Product data – type JKMSxxxN-60H-MBB-B-V-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=315-330, with increments of 5W, 120 cells |

**Product data – type JKMSxxxN-6RL3-B-MX3**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=360-425, with increments of 5W, 132 half-cut cells |

**Product data – type JKMSxxxN-6RL3-MX3**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=360-420, with increments of 5W, 132 half cut cells |

**Product data – type JKMSxxxN-6RL3-V-MX3**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=360-420, with increments of 5W, 132 half cut cells |

**Product data – type JKMSxxxN-6TL3-B-MX3**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=320-385, with increments of 5W, 120 half-cut cells |

**Product data – type JKMSxxxN-6TL3-MX3**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=335-390, with increments of 5W, 120 half cut cells |

**Product data – type JKMSxxxN-6TL3-V-MX3**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=335-390, with increments of 5W, 120 half cut cells |

**Product data – type JKMSxxxN-72H-MBB-B-V-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=380-400, with increments of 5W, 144 cells |

**Product data – type JKMxxxN-54HL4R**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=365-455, with increments of 5W, 108 cells |

**Product data – type JKMxxxN-54HL4R-B**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=380-450, with increments of 5W, 108 cells |

**Product data – type JKMxxxN-54HL4R-V**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=365-455, with increments of 5W, 108 cells |

**Product data – type JKMxxxN-5RL4-TV**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=350-415, with increments of 5W, 108 cells |

**Product data – type JKMxxxN-60HL4R**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=405-510, with increments of 5W ， 120 cells |

**Product data – type JKMxxxN-60HL4R-V**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=405-510, with increments of 5W, 120 cells |

**Product data – type JKMxxxN-66HL4-V**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=425-525, with increments of 5W, 132 cells |

**Product data – type JKMxxxN-66H-TV**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=345-385, with increments of 5W, 132 cells |

**Product data – type JKMxxxN-6RL4-TV**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |

Maximum System voltage : 1500V
Description : xxx=425-510, with increments of 5W, 132 cells

**Product data – type JKMxxxN-6RL4-V**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=425-510, with increments of 5W, 132 cells

**Product data – type JKMxxxN-6TL4-TV**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=385-465, with increments of 5W, 120 cells

**Product data – type JKMxxxN-6TL4-V**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=385-465, with increments of 5W, 120 cells

**Product data – type JKMxxxN-72HL4R**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=485-615, with increments of 5W, 144 cells

**Product data – type JKMxxxN-72HL4R-TV**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=485-605, with increments of 5W , 144 cells

**Product data – type JKMxxxN-72HL4R-V**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=480-615, with increments of 5W , 144 cells

**Product data – type JKMxxxN-78HL4R**
Design : PV module with mono c-Si cells
Maximum System voltage : 1000V
Description : xxx=570-650, with increments of 5W, 156 cells

**Product data – type JKMxxxN-78HL4R-TV**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=570-645, with increment of 5W, 156 cells

**Product data – type JKMxxxN-78HL4R-V**
Design : PV module with mono c-Si cells
Maximum System voltage : 1500V
Description : xxx=570-650, with increment of 5W, 156 cells

**Product data – type JKMxxxN-78HL4-TV**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=570-645, with increment of 5W, 156 cells |

**Product data – type JKMxxxN-7RL4-TV**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=500-605, with increments of 5W, 156 cells |

**Product data – type JKMxxxN-7RL4-V**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=500-605, with increments of 5W, 156 cells |

**Product data – type JKMxxxN-7TL4R**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=495-600, with increments of 5W, 144 cells |

**Product data – type JKMxxxN-7TL4R-TV**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=480-590, with increments of 5W, 144 cells |

**Product data – type JKMxxxN-7TL4R-V**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=495-600, with increments of 5W, 144 cells |

**Product data – type JKxxxN-66H5-BTV**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=625-700, with increments of 5W, 132 cells |

**Product data – type JKxxxN-66H5-MW**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=635-695, with increments of 5W, 132 cells |

**Product data – type JKxxxN-66H5-MWV**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1500V |
| Description | : | xxx=630-695, with increments of 5W, 132 cells |

**Product data – type MNxxx-60HLD-MB**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=405-460, with increments of 5W, 120 cells |

**Product data – type SMNxxx-6RLC-MB-TI**

| | | |
|---|---|---|
| Design | : | PV module with mono c-Si cells |
| Maximum System voltage | : | 1000V |
| Description | : | xxx=360-410, with increments of 5W, 132 cells |

## TESTS

**Test requirements**
EN IEC 61701:2020
IEC 61701:2020

**Test result**
The test results are laid down in DEKRA test file 616159300.

**Additional information**
This certificate replaces certificate No. 31-90002-018 REV.6 which we hereby declare invalid.

The list of components is laid down in test report 6161593B.50.

**Conclusion**
The examination proved that all requirements were met.

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Trade name(s): Jinko stands for

Unique Identifier