

Dyness Battery System QUICK INSTALLATION GUIDE

Tower series T7 T10 T14 T17 T21



Target Group



Skilled personnel

This manual and the tasks and procedures described herein are intended for use by skilled electricians only. A skilled electrician is defined as a trained and qualified electrician or installer who has all of the following skills and experience:

- Knowledge of the functional principles and operation of on-grid systems.
- Knowledge of the dangers and risks associated with installing and using electrical devices and acceptable mitigation methods.
- Knowledge of the installation of electrical devices.
- Knowledge of and adherence to this manual and all safety precautions and best practices.
- Please note that this is the quick reference guide only. It is a shortened assistance for the installation of the Battery HV and does not replace the original installation manual. The original installation manual must be read and understood completely before installation. Please download and view the installation manuals on this website: www.Dyness.com (Downloads).
- In order to ensure the normal operation of Tower, please be sure to update the firmware to the latest version and finish the configuration on the Tower webpage in accordance with this document.
- The system must be switched off before installation.
- Please make sure the system is switched off in case the system is not working. It should be repaired within one week, avoiding deep discharge and other problems happen.
- Please do not stack up batteries without protective package when storing or handling batteries, unless during installation.



Installation Environment

Tools



Packing list

ltem	Specification	Quantity	Figure
Communication Cable to Inverter	Standard, Black /L2000mm /RJ45 plug at both sides	1 PCS	9
Communication Connector to BDU	RJ45 Waterproof connector	1 PCS	
M4 12pcs	M4*10	20PCS	
M6 3 Sets of Combined Screws	M6*14	1 PCS	E C
OT terminal for Ground	OT4-6	2 PCS	
Power Cable Connector	To positive pole of battery	1 PCS	
Power Cable Connector	To negative pole of battery	1PCS	
Power Cable	Positive cable 6mm²,red,2m	1 PCS	\bigcirc
Power Cable	Negative cable 6mm²,black,2m	1PCS	\bigcirc

Overall Design

- Limited to the voltage interval of the inverter, the number of HV9637 modules used by the Tower series is 2.
- Limited to the conversion conditions of the BDU internal DC, the maximum number of HV9637 modules in the Tower series of products is 6.









4 Stacking and locking

Note: When assembling the BDU, ensure that the BDU circuit breaker is in "OFF" position.





Note: We recommend that a circuit breaker is installed between the battery and the inverter to prevent the battery or the inverter being damaged when a short circuit occurs.









TOWER System Expansion



Note: If you do not have the respective equipment, please ask the dealer to charge the module







Official Website

Digital version access

Dyness Digital Energy Technology Co., LTD.

www.dyness.com