




































Energy storage systems comparison 2024


High voltage (HV)

Manufacturer	Model	AC rated power	Inverter parallel connection	AC phases		Hybrid / battery inverter	Emergency power socket*	Backup power**	Backup power light***	Solar recharging****	SG ready (accessories, if applicable)	Battery		Cell chemistry	Capacity (net) per battery	Battery parallel connection	Max. battery discharge capacity per inverter											
				1	3							BYD	PYLONTECH															
	Primo GEN24 Plus	3.0 - 4.6 kVA	-	✓		Hybrid	✓	✓	-	✓	✓		Battery-Box Premium HVS / HVM	Lithium-iron-phosphate	5.1 - 19.3 kWh	up to 3	3.11 - 6.20 kW											
	Symo GEN24 3.0 - 5.0 Plus	3.0 - 5.0 kVA		-	2.56 - 5.20 kW																							
	Symo GEN24 6.0 - 10.0 Plus	6.0 - 10.0 kVA		-	4.5 - 9 kW																							
	Symo GEN24 12.0 Plus SC	12 kVA		-																								
	ET Plus (16A) series	5.0 - 10.0 kVA	up to 10	-	✓	Hybrid	-	-	✓	✓	✓		Battery-Box Premium HVS / HVM	Lithium-iron-phosphate	5.1 - 22.1 kWh	up to 3	5.12 - 10.0 kW											
	ET 15-30	15.0 - 29.9 kVA	up to 4	-	✓			-					✓				✓	✓	-		Force H1 / H2	10.1 - 23.6 kWh	up to 6	4.3 - 8.5 kW				
																						Lynx Home F Plus	6.5 - 16.4 kWh	up to 8	5.12 - 10.0 kW			
	EH series	3.6 - 6 kVA	-	✓	-			-					-				-	-	-	-	-		Battery-Box Premium HVS / HVM	Lithium-iron-phosphate	5.1 - 22.1 kWh	-	5.0 - 10.0 kW	
						Lynx Home F Plus und BYD HVS/HVM	5.1 - 22.1 kWh		-	3.6 - 6 kW																		
	PLENTICORE G3 S - L	4 - 20 kVA	-	-	✓	Hybrid	-	✓	-	✓	✓		Battery-Box Premium HVS / HVM	Lithium-iron-phosphate	5.1 - 22.1 kWh	up to 3	3.5 - 12.2 kW											
	PLENTICORE G2 plus	3.0 - 10.0 kVA		-	-			✓					-				-	-	-	-		Force H1 / H2	6.7 - 23.6 kWh	up to 6	2.4 - 11.5 kW			
																							Battery-Box Premium HVS / HVM	5.1 - 22.1 kWh	up to 3	1.86 - 4.99 kW		
	PLENTICORE BI G2 5.5 / 10	5.5 / 10.0 kVA		-	-			✓					Battery				-	-	-	-	-	-		Battery-Box Premium HVS / HVM	Lithium-iron-phosphate	5.1 - 22.1 kWh	up to 3	5.1 - 10.0 kW
	PIKO MP plus	1.5 - 4.6 kVA		-	✓			-					Hybrid				-	-	-	-	-	-		Force H1/H2	6.7 - 23.6 kWh	up to 6	3.7 - 10 kW	
			Battery-Box Premium HVS / HVM			5.1 - 22.1 kWh	up to 3		1.5 - 5.0 kW																			
	H3 Pro	15 - 30 kVA	up to 10	-	✓	Hybrid	-	✓	-	✓	✓		ECS 2900	Lithium-iron-phosphate	11.5 - 20.2 kWh	-	11.5 - 20.2 kW											
								ECS 4300					16.6 - 29.0 kWh				up to 2											
	H3-E	5.0 - 12 kVA	-	-	-	-	-	-	-	-	-		ECS2900				8.6 - 20.1 kWh	-	4.5 - 10.5 kW									
													ECS4300				12.4 - 29.0 kWh	-	4.49 - 10.8 kW									
	ESS Home 8 / 10	8.0 / 10.0 kVA	up to 3 (with EMS Smart1)	-	✓	Hybrid	-	✓	-	✓	✓		HBC 11H / 15H	Nickel-manganese-cobalt	10.7 / 14.2 kWh	up to 2	4.0 - 7.0 kW											
	Power Storage DC	4.0 + 6.0 kVA	up to 10	-	✓	Hybrid	-	✓	-	✓	✓		Power Battery	Lithium-iron-phosphate	3.5 - 10.4 kWh	-	3.1 - 6.0 kW											
		8.0 + 10.0 kVA						up to 2									3.9 - 10.0 kW											
	Sunny Boy Storage 2.5	2.5 kVA	-	✓	-	Battery	-	-	-	-	-		Battery-Box Premium HVS	Lithium-iron-phosphate	5.1 - 10.2 kWh	up to 3	2.0 - 2.5 kW											
	Sunny Boy Storage 3.7 - 6.0	3.7 - 6.0 kVA						-					-				-	-	-	-	-	-	-		Battery-Box Premium HVS / HVM	5.1 - 22.1 kWh	3.7 - 6.0 kW	
																									Force H1 / H2	6.7 - 23.6 kWh		
	Hybrid Sunny Tri-power 5.0 - 10.0 Smart Energy	5.0 - 10.0 kVA						-					-				✓	Hybrid	-	-	✓	✓	✓		Battery-Box Premium HVS / HVM	Lithium-iron-phosphate	5.1 - 22.1 kWh	-
Sunny Boy Smart Energy 3.6 - 6.0	3.6 - 6.0 kVA	up to 3 (with SB SE as system manager)	✓	-	-	✓	-	✓	-	-	-		Home Storage	Lithium-iron-phosphate	6.5 - 16.4 kWh	-	3.5 - 10.0 kW											
	Home Hub single phase	2.2 - 4.6 kVA	up to 3	✓	-	Hybrid	-	(available soon)	-	-	✓		Home Battery high voltage	Nickel-manganese-cobalt	9.7 kWh	up to 3	5 kW											
	S6 3P-Hybrid	5.0 - 10.0 kVA	-	-	✓	Hybrid	-	-	✓	✓	-		Battery-Box Premium HVS / HVM	Lithium-iron-phosphate	5.1 - 22.1 kWh	up to 3	5.1 - 10.6 kW											
													Force H1 / H2				6.7 - 23.6 kWh	up to 6	5.0 - 10.0 kW									
	SH5.0RT - SH10RT	5.0 - 10.0 kVA	up to 5	-	✓	Hybrid	-	-	✓	✓	✓		Battery-Box Premium HVS / HVM	Lithium-iron-phosphate	5.1 - 22.1 kWh	up to 3	5.1 - 10.0 kW											
													SBR				9.6 - 25.6 kWh	-	5.0 - 10.0 kW									
	SH15-25T	15 - 25 kVA	up to 2	-	✓	-	✓	-	-	-	-		SBH	Lithium-iron-phosphate	10.0 - 40.0 kWh	-	5.8 - 15.4 kW											

* Emergency power: Individual loads can be supplied at a power outlet in the event of a mains failure.
 ** Backup power: The system automatically switches over in the event of a power failure and supplies the house grid 1- / 3-phase.
 *** Backup power light: The system automatically switches over in the event of a power failure and supplies only selected circuits 1- 3-phase.
 **** Solar recharging: The system can be solar recharged in emergency power / backup power mode.

The recommendations and dimensioning do not replace an appropriate system design. 1-phase inverters are regulated to a maximum of 4.6 kVA in Germany.
 Find more detailed information about the possible inverter-storage combinations in our energy storage approval list.

Do you know about our Memodo Academy?



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