



PRODUCT OVERVIEW

The EV-SPW-B Power Wall lithium energy storage battery uses high cycle lithium iron phosphate cells, which are more convenient and aesthetically pleasing than traditional battery banks. The high-performance BMS protection and management battery system has a wider range of use and longer lifespan than traditional batteries. Using our exclusive color screen design, you can check the battery's operating status quickly and conveniently.

FEATURES

- Grade A LiFePO4 cell.
- Parallel support for up to 15 units.
- Compatible with popular inverter brands.
- 6000 cycles @ 80% DOD.
- Bluetooth/Wi-Fi optional.
- BMS 100A/150A/200A optional.
- LCD color display screen.

APPLICATIONS

- Emergency power supply
- Home backup storage
- Telecommunications backup power
- Data storage/UPS backup power
- Off-grid power
- Solar power storage

Product Description

PART#	DESCRIPTION	VOLTAGE	CAPACITY	OUTPUT	CHARGING CURRENT
EV-SPW-B-48100	100Ah 48V LiFePO4 Battery	48V	4.8kWh	100 Ah	50A
EV-SPW-B-48200	200Ah 48V LiFePO4 Battery	48V	9.6kWh	200 Ah	50A
EV-SPW-B-48300	300Ah 48V LiFePO4 Battery	48V	14.4kWh	300 Ah	150A
EV-SPW-B-51.2100	100Ah 51.2v LiFePO4 Battery	51.2V	5.12kWh	100 Ah	50A
EV-SPW-B-51.2200	200Ah 51.2v LiFePO4 Battery	51.2V	10.24kWh	200 Ah	50A
EV-SPW-B-51.2300	300Ah 51.2v LiFePO4 Battery	51.2V	15.36kWh	300 Ah	150A

Specifications

MODEL#	EV-SPW-B-48100	EV-SPW-B-48200	EV-SPW-B-48300	EV-SPW-B-51.2100	EV-SPW-B-51.2200	EV-SPW-B-51.2300
BATTERY PARAMETERS						
Standard Voltage	48V			51.2V		
Standard Capacity	100Ah	200Ah	300Ah	100Ah	200Ah	300Ah
Rated Capacity	4.8kWh	9.6kWh	14.4kWh	5.12kWh	10.24kWh	15.36kWh
Working Voltage	40.5~54v			43.2~57.6V		
Standard Charging Current	50A		150A	50A		150A
Standard Discharging Current	100A		200A	100A		200A
Suggested DOD	80%					
Cycle Life	> 6000 cycles					
IP Rating	IP21 (IP65 optional)					
Discharge Operating Temperature	-20°C~60°C					
Charging Operating Temperature	0°C~45°C					
Maximum Parallel	15 units					
Communication	RS232 / CAN / RS485 (Wi-Fi/BT optional)					
Display	LCD color display screen					
Warranty	5 years					
Certificate	UN38.3 / MSDS / CE / ROHS / FCC					
Net Weight (kg)	45	110	130	50	115	135
Product Dimensions (mm)	545*460*200	530*790*200	530*845*200	545*460*200	530*790*200	530*845*200

Product Images

