



PRODUCT OVERVIEW

The SBS rack/cabinet mounted lithium energy storage battery uses high cycle lithium iron phosphate cells, high-performance BMS protection and battery management system. Can be combined into up to 15 battery modules in parallel. The capacity can be freely combined to meet various household or industrial needs. Optional rack mounting system.

FEATURES

- A grade LiFePO4 cell
- Parallel support for 15 units
- Compatible with multiple inverter brands
- 6000 cycles @ 80% DOD
- Bluetooth/Wi-Fi optional
- LCD display screen (touch screen optional)
- BMS 100A/150A/200A optional

BMS PROTECTION

- Over current protection
- Over voltage protection
- Short circuit protection
- Low voltage protection
- High temperature protection

APPLICATIONS

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



Off-Grid Power Storage



Solar Power Storage



Grid Power Storage



Stackable Power Storage Systems

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**YEAR
WARRANTY**

Product Description

PART#	DESCRIPTION	VOLTAGE	CAPACITY	OUTPUT	CHARGING CURRENT
EV-SBS-51.2100	100Ah 51.2v LiFePO4 Battery	51.2V	5.12kWh	100Ah	50A
EV-SBS-51.2200	100Ah 51.2v LiFePO4 Battery	51.2V	10.24kWh	200 Ah	100A
EV-SBS-51.2300	300Ah 51.2v LiFePO4 Battery	51.2V	15.36kWh	300 Ah	150A

Specifications

MODEL#	EV-SBS-51.2100	EV-SBS-51.2200	EV-SBS-51.2300
Standard Voltage	51.2V		
Standard Capacity	100Ah	200Ah	300Ah
Rated Capacity	5.12kWh	10.24kWh	15.36kWh
Working Voltage	43.2~57.6V		
Standard Charging Current	50A	100A	150A
Standard Discharging Current	100A	100A	200A
Suggested DOD	80%		
Cycle Life	> 6000 cycles		
IP Rating	IP20		
Discharge Operating Temperature	-20°C~50°C		
Charging Operating Temperature	0°C~45°C		
Maximum Parallel	15 units		
Communication	RS232 / CAN / RS485 (Wi-Fi/BT optional)		
Warranty	5 years		
Certificate	UN38.3 / MSDS / CE / ROHS / FCC		
NW (kg)	44	84	110
GW (kg)	52	99	129
Product Dimensions (mm)	430*482*178	790*482*178	790*480*200

Product Images



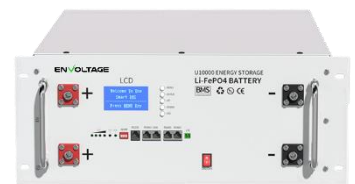
Optional Cabinet



100Ah Module



200Ah Module



300Ah Module