

PRODUCT OVERVIEW

Expandable battery storage system features long life LiFePO4 batteries with high performance battery management system (BMS) and is suitable for a wide range of applications. High cycle life and quick recharge rate. Optional rack mounting system.

FEATURES

- Easy control interface
- CAN/RS485/WiFi/4G/Bluetooth communications
- Available customized BMS
- Durable, heavy case
- Long lifespan

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



Product Description

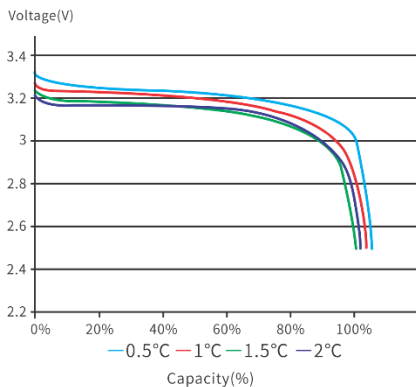
PART#	DESCRIPTION	VOLTAGE	CAPACITY	OUTPUT	WEIGHT
EV-SPW-100AH 48V	100Ah 48v LiFePO4 Battery	48V	4.8kWh	100 Ah	108 LBS
EV-SPW-200AH 48V	200Ah 48v LiFePO4 Battery	48V	9.6kWh	200 Ah	169.75 LBS

Specifications

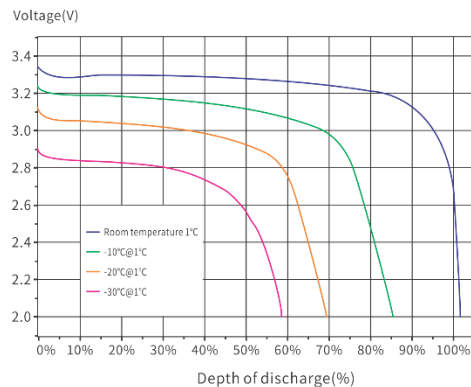
MODEL#	EV-SPW-100AH 48V	EV-SPW-200AH 48V
Capacity	4.8kWH	9.6kWH
Normal Discharging Current	50A	100A
Max Discharging Current	100A	200A
Voltage	37.5-54.75VDC	
Standard Voltage	48VDC	
Max Charging Current	100A	200A
Max Charging Voltage	54.75V	
Suggested DOD Model	90%	
Humidity	20-60%	
Installation	Cabinet or wall installation	
Cycles	6000 cycles	
Max Number in Parallel	15	
Warranty	10 years	
Communication	CAN / RS485 / WIFI / 4G / Bluetooth communication	
Size	25.59" x 18.89" x 7.48"	
Weight	169.75 LBS	

Technical Details

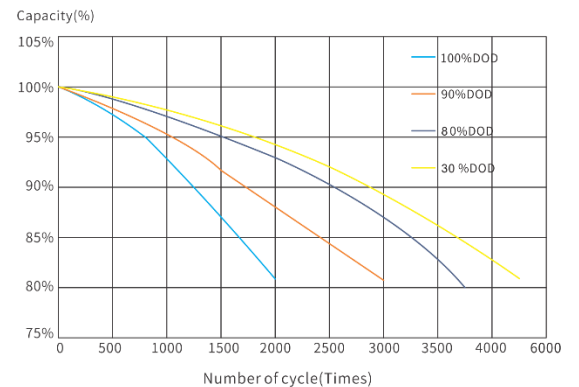
(@Different rates)



Typical discharge characteristics at different temperatures



Life characteristics of cyclic use



* The curves may be different according to specific customer requirement

Product Dimensions

