

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/RS485/4G/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

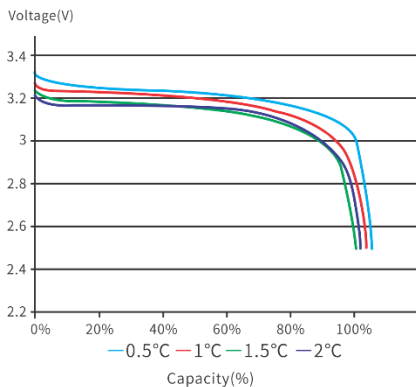
PART#	DESCRIPTION	VOLTAGE	CAPACITY	OUTPUT	WEIGHT
EV-SBS-50AH 48V	50Ah 48v LiFePO4 Battery	48V	2.4kWh	50 Ah	54.1 LBS
EV-SBS-100AH 48V	100Ah 48v LiFePO4 Battery	48V	4.8kWh	100 Ah	108 LBS
EV-SBS-200AH 48V	200Ah 48v LiFePO4 Battery	48V	9.6kWh	200 Ah	169.75 LBS

Specifications

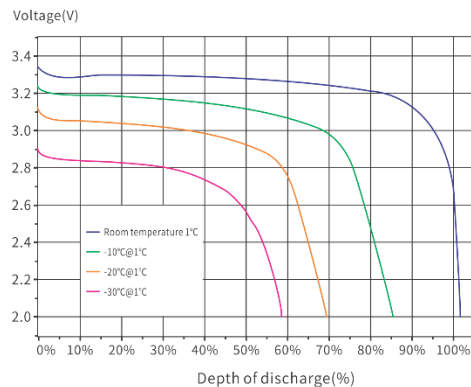
MODEL#	EV-SBS-50AH 48V	EV-SBS-100AH 48V	EV-SBS-200AH 48V
Capacity	2.4kWh	4.8kWh	9.6kWh
Maximum Charging Current	50A	100A	200A
Normal Discharge Current	25A	50A	100A
Maximum Discharge Current	50A	100A	200A
Working Voltage	37.5-54.75VDC		
Standard Voltage	48VDC		
Maximum Charging Voltage	54.75V		
Suggested DOD Model	90%		
Humidity	20-60%		
Installation	Cabinet or wall installation		
Cycles	6,000		
Maximum Number in Parallel	15		
Warranty	10 YEARS		
Communications	CAN/RS485/Wi-Fi/4G/BLUETOOTH		
Size	19.05" x 16.14" x 3.48"	19.05" x 16.14" x 7"	19.05" x 23.22" x 7"
Weight	54.1 LBS	108 LBS	169.75 LBS

Technical Details

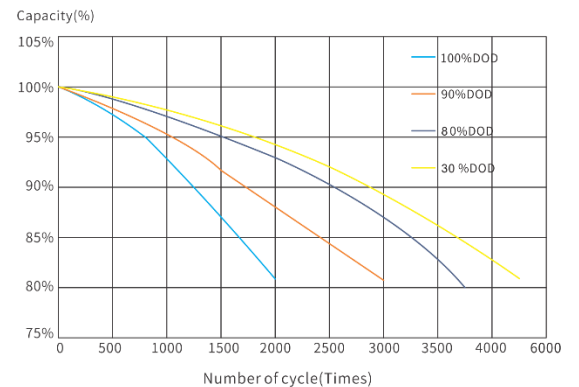
(@Different rates)



Typical discharge characteristics at different temperatures

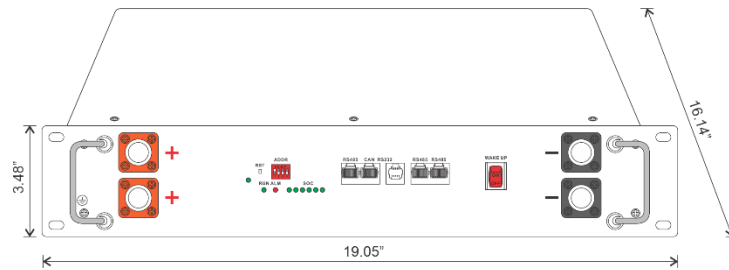


Life characteristics of cyclic use

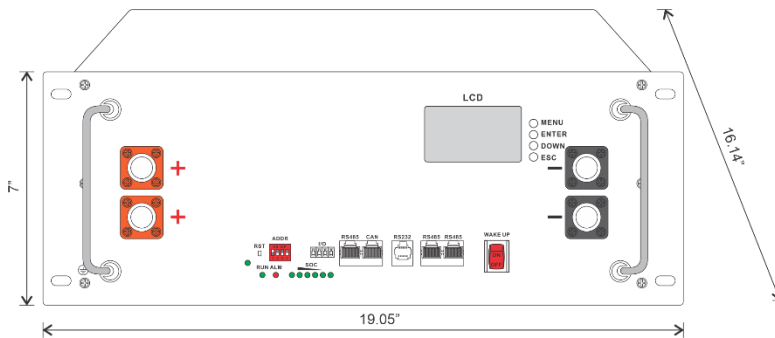


* The curves may be different according to specific customer requirement

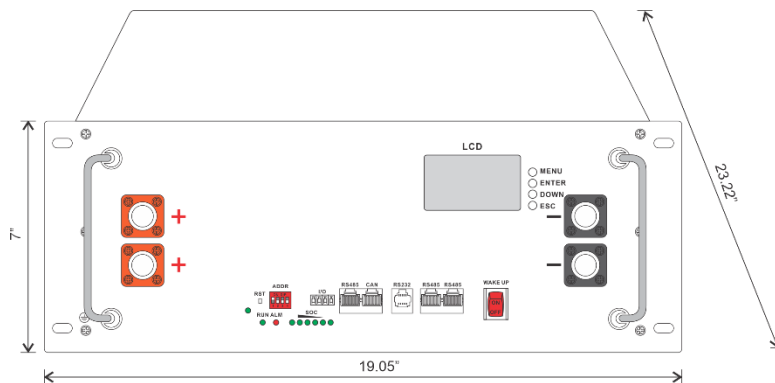
Product Dimensions



EV-SBS-50AH 48V



EV-SBS-100AH 48V



EV-SBS-200AH 48V

Product Images

