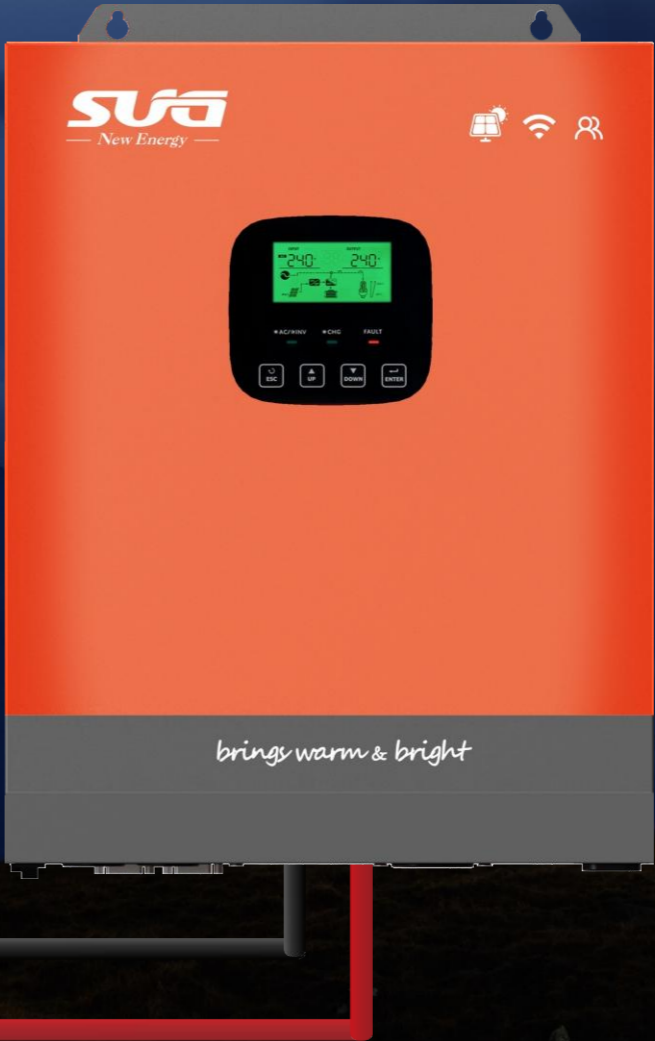


*brings warm & bright*

Energy Storage LiFePO4 Battery



# SBS 4850 Rack Mode Lithium Energy Storage Battery



## Product introduction

The SBS lithium energy storage battery use long working life LiFePO4 battery, and high performance BMS to protect and manage the battery system, it has wider usage and longer life than traditional battery.

## Product features

- ※ High power, friendly interface, free combination
- ※ High quality battery cell, precise combination
- ※ Support 16pcs in parallel
- ※ CAN/RS485/WIFI/4G/Blue tooth communication
- ※ BMS customization supported
- ※ Thick shell, well protection for inside cells

## Application area

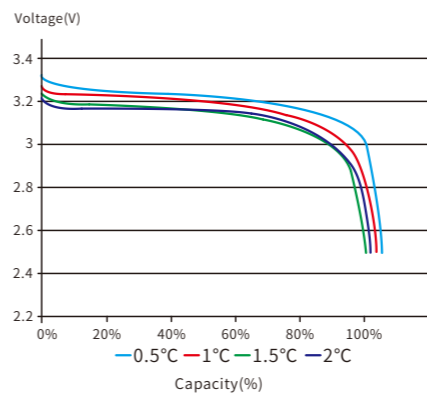
- ※ Energy storage system, control system, alarm system, power system, database
- ※ Emergency lighting system, emergency power supply, UPS
- ※ Telecommunication, communication, fire fighting system

## BMS Protection

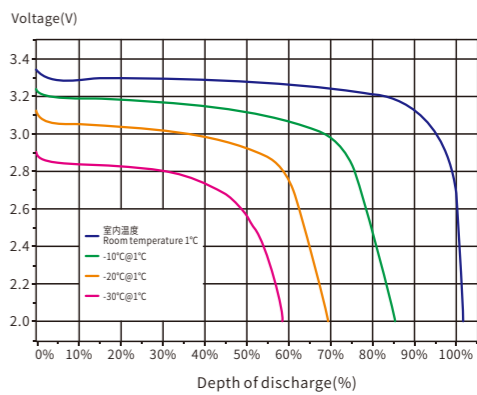


## Performance curve

(@Different rates)



Typical discharge characteristics at different temperatures

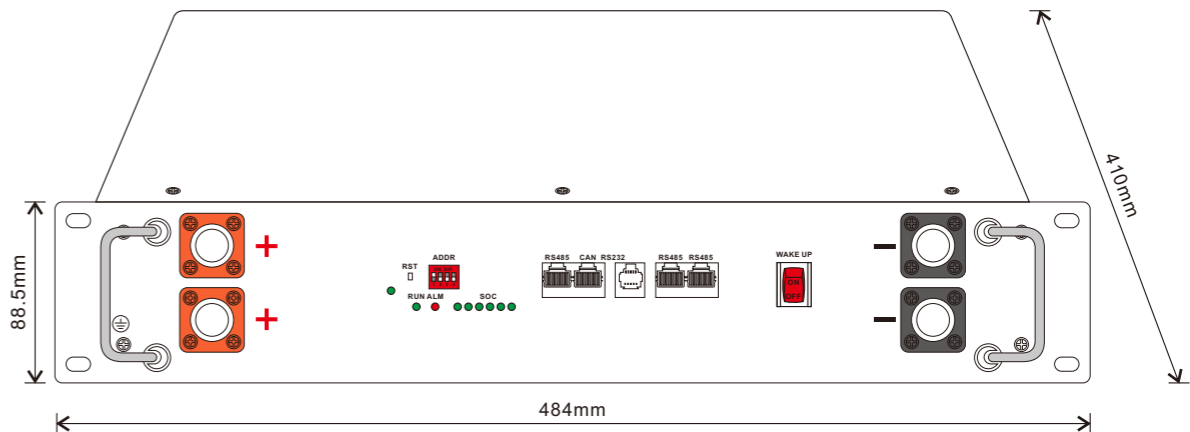


\* The curves maybe different according to specific customer requirement

## Products Specification

Model	SBS-48V50AH	SBS-51.2V50AH
Capacity	2.4KWH	2.56KWH
Standard Discharging Current	25A	25A
Max Discharging Current	50A	50A
Working Voltage	40.5-54VDC	43.2-57.6VDC
Standard Voltage	48VDC	51.2VDC
Max Charging Current	25A	25A
Max Charging Voltage	54V	57.6V
Suggested DOD Model	90%	
Humidity	20-60%	
Installation	Rack mounted or cabinet	
IP Rating	IP20	
Max Number Of Parrallel	16	
Warranty	5 Years	
Communication	CAN/RS485/RS232(WiFi/bluetooth/4G optional)	
Product Size	410*484*122mm	
Packing Size	510*567*165mm	
Net Weight	24.5kg	26.5kg
Gross Weight	27.05kg	29.05kg

## Product dimensions





Product introduction

The SBS lithium energy storage battery use long working life LiFePO4 battery, and high performance BMS to protect and manage the battery system, it has wider usage and longer life than traditional battery.

Product features

- ※ High power, friendly interface, free combination
- ※ High quality battery cell, precise combination
- ※ Support 16pcs in parallel and 8pcs in series
- ※ CAN/RS485/WIFI/4G/Blue tooth communication
- ※ BMS customization supported
- ※ Thick shell, well protection for inside cells

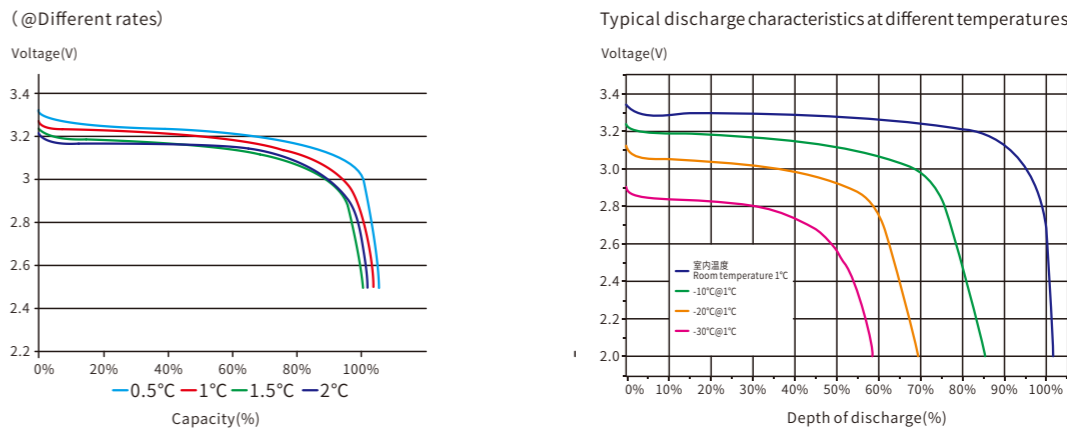
Application area

- ※ Energy storage system, control system, alarm system, power system, database
- ※ Emergency lighting system, emergency power supply, UPS
- ※ Telecommunication, communication, fire fighting system

BMS Protection



Performance curve

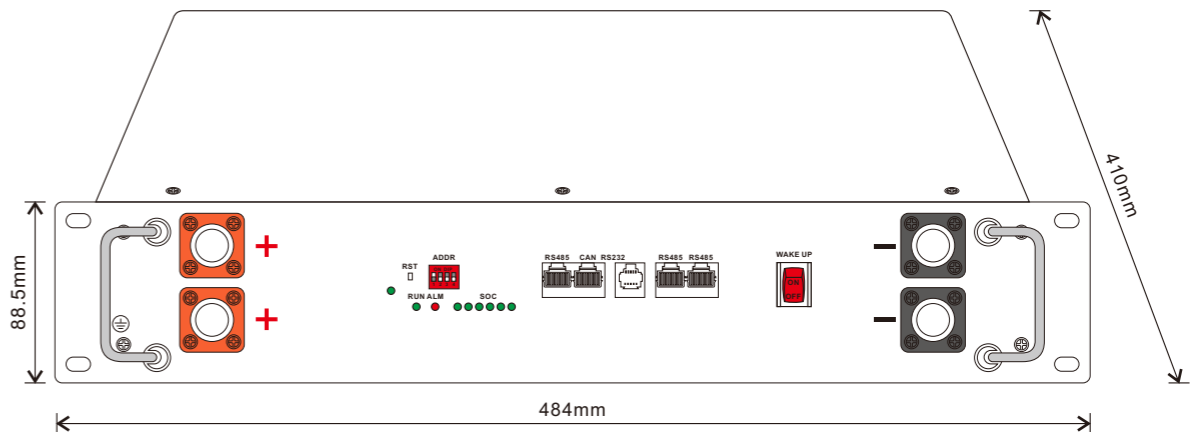


\* The curves maybe different according to specific customer requirement

Products Specification

Model	SBS-48V50AH	SBS-51.2V50AH
Capacity	2.4KWH	2.56KWH
Standard Discharging Current	25A	25A
Max Discharging Current	50A	50A
Working Voltage	40.5-54VDC	43.2-57.6VDC
Standard Voltage	48VDC	51.2VDC
Max Charging Current	25A	25A
Max Charging Voltage	54V	57.6V
Suggested DOD Model	90%	
Humidity	20-60%	
Installation	Rack mounted or cabinet	
IP Rating	IP20	
Max Number Of Parrallel	16	
Warranty	5 Years	
Communication	CAN/RS485(WiFi/bluetooth/4G optional)	
Product Size	410*484*122mm	
Packing Size	510*567*165mm	
Net Weight	24.5kg	26.5kg
Gross Weight	27.05kg	29.05kg

Product dimensions



# SBS 48100 Rack Mode Lithium Energy Storage Battery



## Product introduction

The SBS lithium energy storage battery use long working life LiFePO4 battery, and high performance BMS to protect and manage the battery system, it has wider usage and longer life than traditional battery.

## Product features

- ※ High power, friendly interface, free combination
- ※ High quality battery cell, precise combination
- ※ Support 16pcs in parallel
- ※ CAN/RS485/WIFI/4G/Blue tooth communication
- ※ BMS customization supported
- ※ Thick shell, well protection for inside cells

## Application area

- ※ Energy storage system, control system, alarm system, power system, database
- ※ Emergency lighting system, emergency power supply, UPS
- ※ Telecommunication, communication, fire fighting system

## BMS Protection



Over Current



Over Voltage



High Temperature



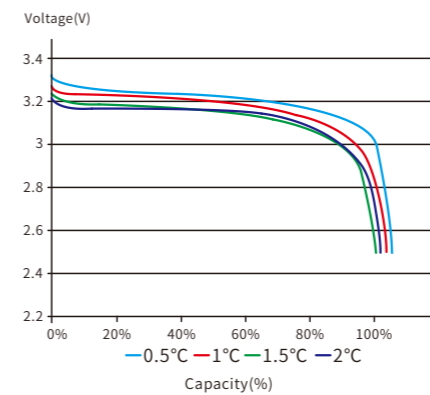
Low Voltage



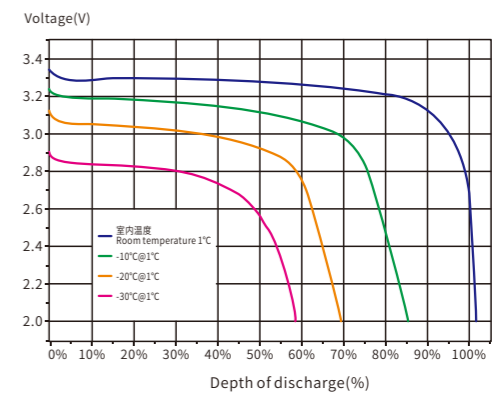
Short Circuit

## Performance curve

(@Different rates)



Typical discharge characteristics at different temperatures

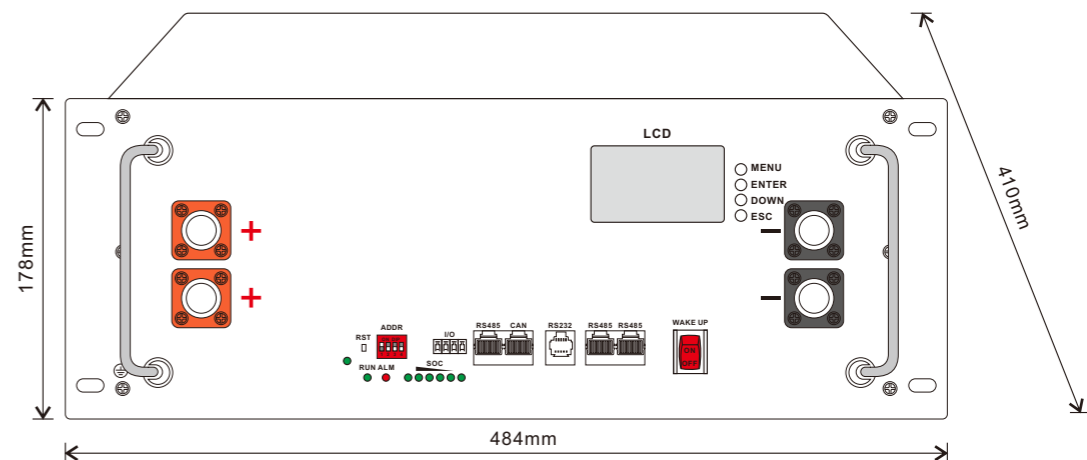


\* The curves maybe different according to specific customer requirement

## Products Specification

Model	SBS-48V100AH	SBS-51.2V100AH
Capacity	4.8KWH	5.12KWH
Standard Discharging Current	50A	50A
Max Discharging Current	100A	100A
Working Voltage	40.5-54VDC	43.2-57.6VDC
Standard Voltage	48VDC	51.2VDC
Max Charging Current	50A	50A
Max Charging Voltage	54V	57.6V
Suggested DOD Model	90%	
Humidity	20-60%	
Installation	Rack mounted or cabinet	
IP Rating	IP21	
Max Number Of Parrallel	16P	
Warranty	5 Years	
Communication	CAN/RS485/RS232(WiFi/bluetooth/4G optional)	
Product Size	410*484*178mm	
Packing Size	540*510*270mm	
Net Weight	39.5kg	41.5kg
Gross Weight	45.5kg	47.5kg

## Product dimensions



# SBS-Pro 48100 Rack Mode Lithium Energy Storage Battery



## Product introduction

The SBS lithium energy storage battery use long working life LiFePO4 battery, and high performance BMS to protect and manage the battery system, it has wider usage and longer life than traditional battery.

## Product features

- ※ High power, friendly interface, free combination
- ※ High quality battery cell, precise combination
- ※ Support 16pcs in parallel and 8pcs in series
- ※ CAN/RS485/WIFI/4G/Blue tooth communication
- ※ BMS customization supported
- ※ Thick shell, well protection for inside cells

## Application area

- ※ Energy storage system, control system, alarm system, power system, database
- ※ Emergency lighting system, emergency power supply, UPS
- ※ Telecommunication, communication, fire fighting system

## BMS Protection



Over Current



Over Voltage



High Temperature



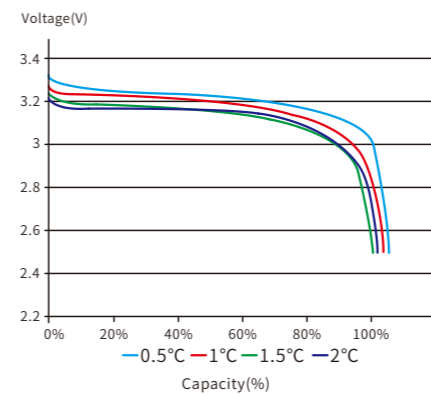
Low Voltage



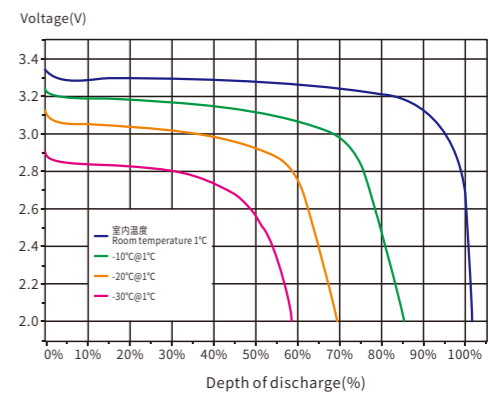
Short Circuit

## Performance curve

(@Different rates)



Typical discharge characteristics at different temperatures

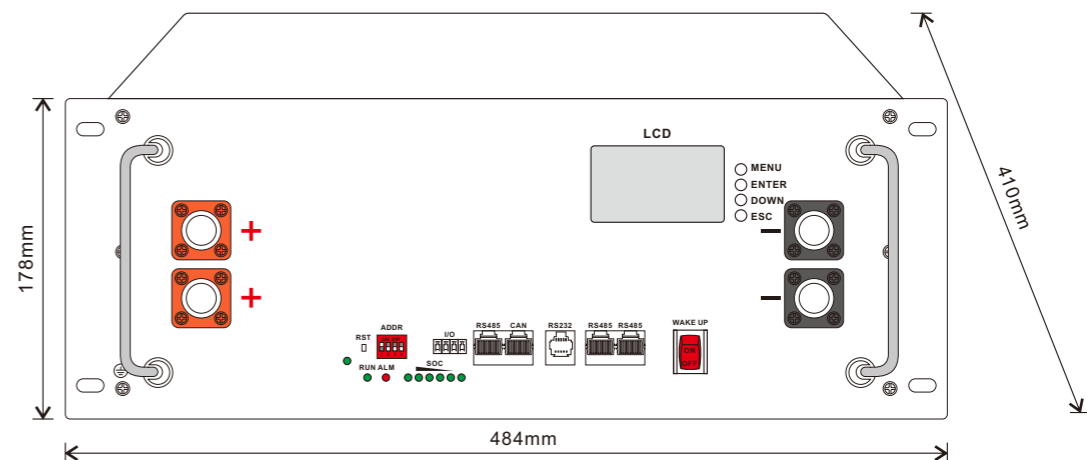


\* The curves maybe different according to specific customer requirement

## Products Specification

Model	SBS-48V100AH	SBS-51.2V100AH
Capacity	4.8KWH	5.12KWH
Standard Discharging Current	50A	50A
Max Discharging Current	100A	100A
Working Voltage	40.5-54VDC	43.2-57.6VDC
Standard Voltage	48VDC	51.2VDC
Max Charging Current	50A	50A
Max Charging Voltage	54V	57.6V
Suggested DOD Model	90%	
Humidity	20-60%	
Installation	Rack mounted or cabinet	
Max Number of Series	8S	
Max Number Of Parrallel	16P	
Warranty	5 Years	
Communication	CAN/RS485(WiFi/bluetooth/4G optional)	
Product Size	410*484*178mm	
Packing Size	540*510*270mm	
Net Weight	39.5kg	41.5kg
Gross Weight	45.5kg	47.5kg

## Product dimensions



# SBS 48150 Rack Mode Lithium Energy Storage Battery



## Product introduction

The SBS lithium energy storage battery use long working life LiFePO4 battery, and high performance BMS to protect and manage the battery system, it has wider usage and longer life than traditional battery.

## Product features

- ※ High power, friendly interface, free combination
- ※ High quality battery cell, precise combination
- ※ Support 16pcs in parallel
- ※ CAN/RS485/WIFI/4G/Blue tooth communication
- ※ BMS customization supported
- ※ Thick shell, well protection for inside cells

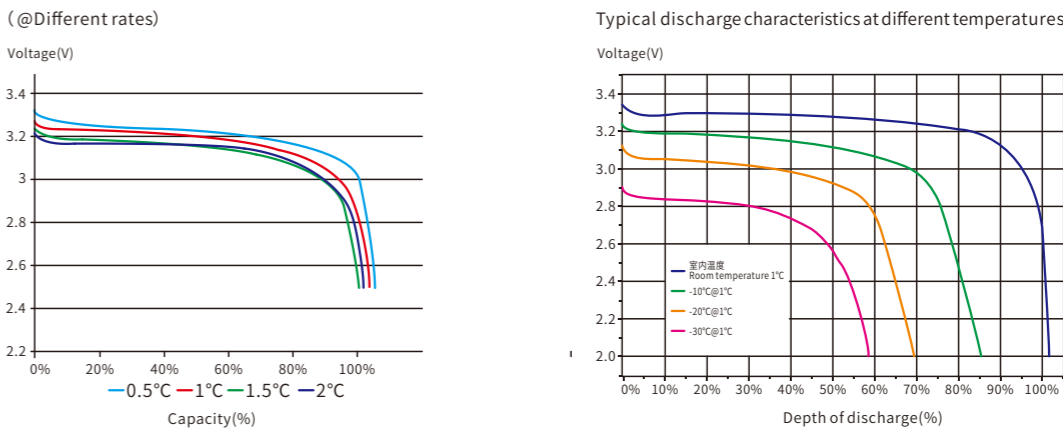
## Application area

- ※ Energy storage system, control system, alarm system, power system, database
- ※ Emergency lighting system, emergency power supply, UPS
- ※ Telecommunication, communication, fire fighting system

## BMS Protection



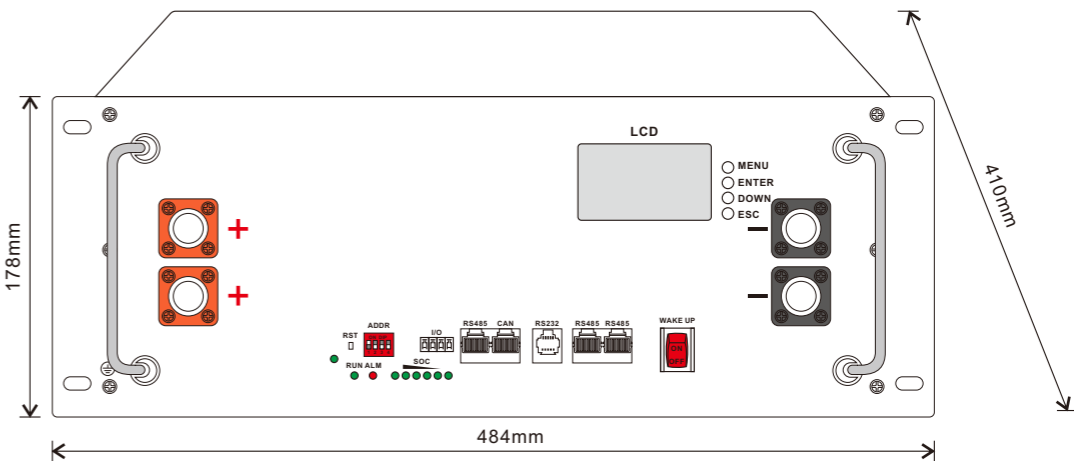
## Performance curve



## Products Specification

Model	SBS-48V150AH	SBS-51.2V150AH
Capacity	7.2KWH	7.68KWH
Standard Discharging Current	50A	50A
Max Discharging Current	100A	100A
Working Voltage	40.5-54VDC	43.2-57.6VDC
Standard Voltage	48VDC	51.2VDC
Max Charging Current	75A	75A
Max Charging Voltage	54V	57.6V
Suggested DOD Model	90%	
Humidity	20-60%	
Installation	Rack mounted or cabinet	
IP Rating	IP20	
Max Number Of Parrallel	16	
Warranty	5 Years	
Communication	CAN/RS485/RS232( WiFi/bluetooth/4G optional)	
Product Size	590*484*178mm	
Packing Size	730*544*270mm	
Net Weight	55kg	58kg
Gross Weight	62kg	65kg

## Product dimensions



# SBS-Pro 48150 Rack Mode Lithium Energy Storage Battery



## Product introduction

The SBS lithium energy storage battery use long working life LiFePO4 battery, and high performance BMS to protect and manage the battery system, it has wider usage and longer life than traditional battery.

## Product features

- ※ High power, friendly interface, free combination
- ※ High quality battery cell, precise combination
- ※ Support 16pcs in parallel and 8pcs in series
- ※ CAN/RS485/WIFI/4G/Blue tooth communication
- ※ BMS customization supported
- ※ Thick shell, well protection for inside cells

## Application area

- ※ Energy storage system, control system, alarm system, power system, database
- ※ Emergency lighting system, emergency power supply, UPS
- ※ Telecommunication, communication, fire fighting system

## BMS Protection



Over Current



Over Voltage



High Temperature



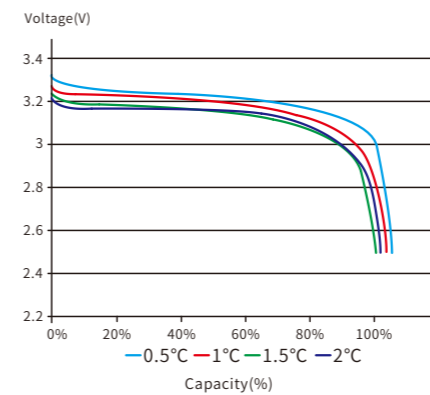
Low Voltage



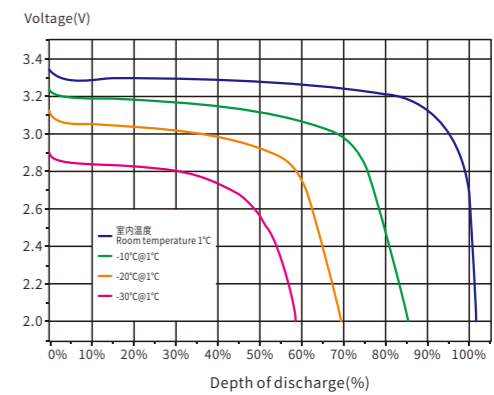
Short Circuit

## Performance curve

(@Different rates)



Typical discharge characteristics at different temperatures

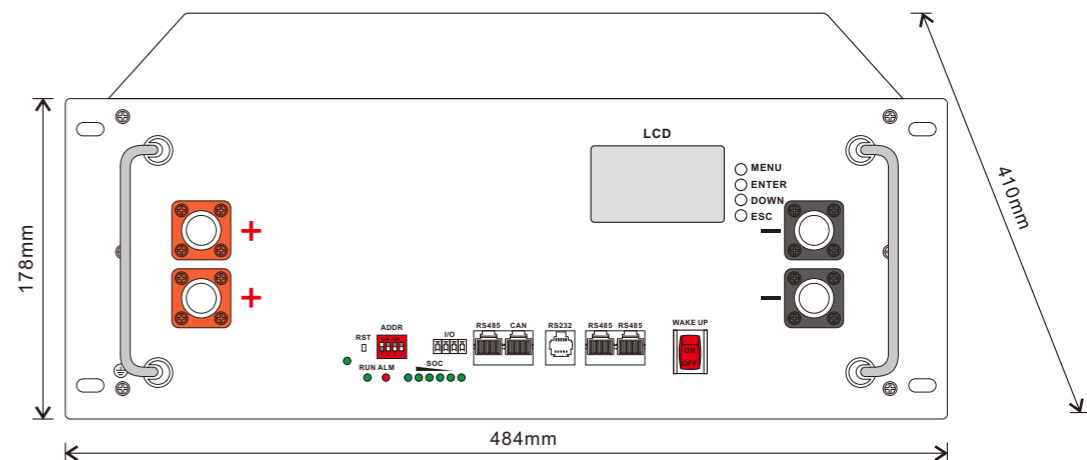


\* The curves maybe different according to specific customer requirement

## Products Specification

Model	SBS-48V150AH	SBS-51.2V150AH
Capacity	7.2KWH	7.68KWH
Standard Discharging Current	50A	50A
Max Discharging Current	100A	100A
Working Voltage	40.5-54VDC	43.2-57.6VDC
Standard Voltage	48VDC	51.2VDC
Max Charging Current	75A	75A
Max Charging Voltage	54V	57.6V
Suggested DOD Model	90%	
Humidity	20-60%	
Installation	Rack mounted or cabinet	
Max Number of Series	8S	
Max Number Of Parrallel	16P	
Warranty	5 Years	
Communication	CAN/RS485(WiFi/bluetooth/4G optional)	
Product Size	590*484*178mm	
Packing Size	730*544*270mm	
Net Weight	55kg	58kg
Gross Weight	62kg	65kg

## Product dimensions





### Product introduction

The SBS lithium energy storage battery use long working life LiFePO4 battery, and high performance BMS to protect and manage the battery system, it has wider usage and longer life than traditional battery.

### Product features

- ※ High power, friendly interface, free combination
- ※ High quality battery cell, precise combination
- ※ Support 16pcs in parallel
- ※ CAN/RS485/WIFI/4G/Blue tooth communication
- ※ BMS customization supported
- ※ Thick shell, well protection for inside cells

### Application area

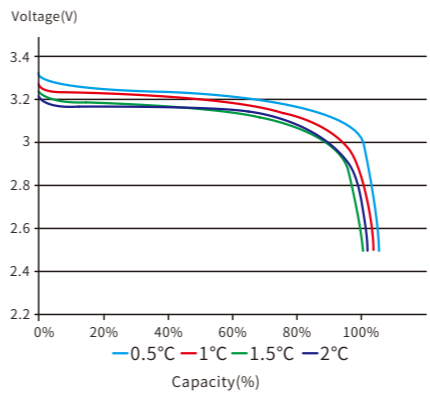
- ※ Energy storage system, control system, alarm system, power system, database
- ※ Emergency lighting system, emergency power supply, UPS
- ※ Telecommunication, communication, fire fighting system

### BMS Protection

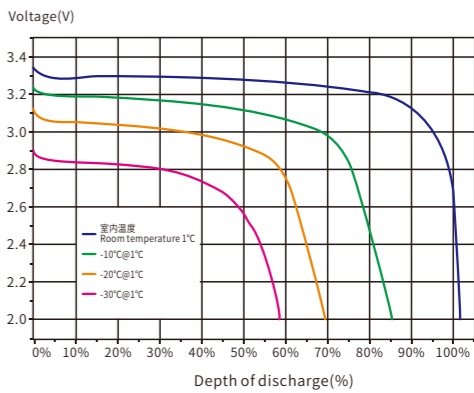


### Performance curve

(@Different rates)



Typical discharge characteristics at different temperatures

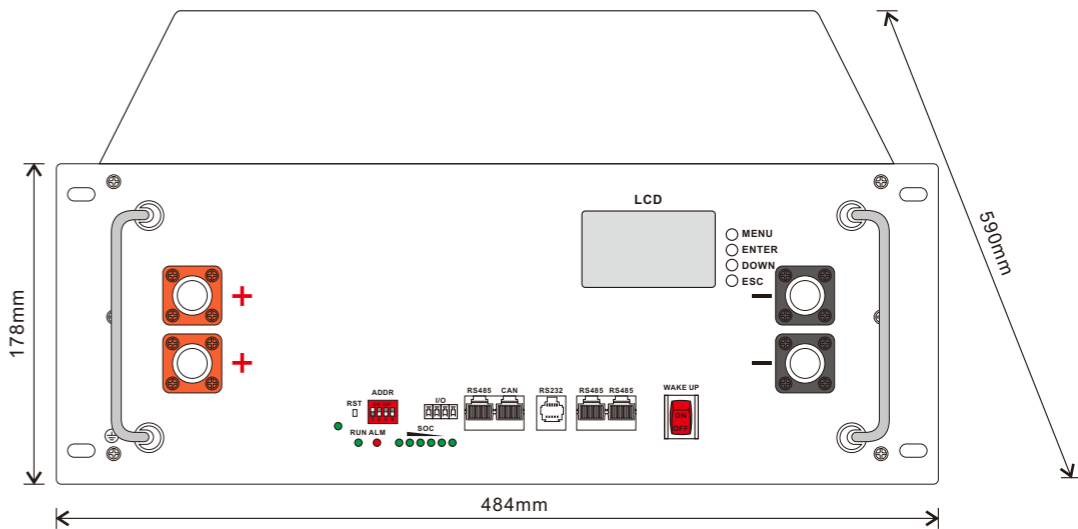


\* The curves maybe different according to specific customer requirement

### Products Specification

Model	SBS-48V200AH	SBS-51.2V200AH
Capacity	9.6KWH	10.24KWH
Standard Discharging Current	50A	50A
Max Discharging Current	100A	100A
Working Voltage	40.5-54VDC	43.2-57.6VDC
Standard Voltage	48VDC	51.2VDC
Max Charging Current	100A	100A
Max Charging Voltage	54V	57.6V
Suggested DOD Model	90%	
Humidity	20-60%	
Installation	Rack mounted or cabinet	
IP Rating	IP20	
Max Number Of Parrallel	16	
Warranty	5年 / 5 Years	
Communication	CAN/RS485/RS232(WiFi/bluetooth/4G optional)	
Product Size	590*484*178mm	
Packing Size	730*544*270mm	
Net Weight	70.5kg	72.5kg
Gross Weight	78.5kg	80.5kg

### Product dimensions



# SBS-Pro 48200 Rack Mode Lithium Energy Storage Battery



## Product introduction

The SBS lithium energy storage battery use long working life LiFePO4 battery, and high performance BMS to protect and manage the battery system, it has wider usage and longer life than traditional battery.

## Product features

- ※ High power, friendly interface, free combination
- ※ High quality battery cell, precise combination
- ※ Support 16pcs in parallel and 8pcs in series
- ※ CAN/RS485/WIFI/4G/Blue tooth communication
- ※ BMS customization supported
- ※ Thick shell, well protection for inside cells

## Application area

- ※ Energy storage system, control system, alarm system, power system, database
- ※ Emergency lighting system, emergency power supply, UPS
- ※ Telecommunication, communication, fire fighting system

## BMS Protection



Over Current



Over Voltage



High Temperature



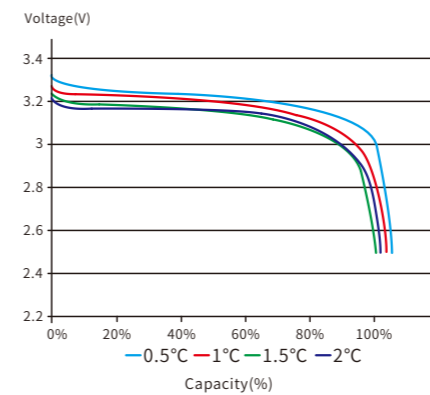
Low Voltage



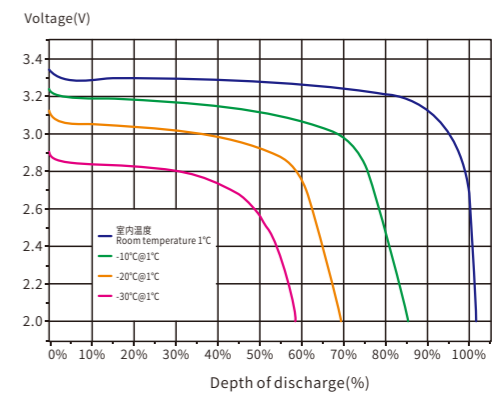
Short Circuit

## Performance curve

(@Different rates)



Typical discharge characteristics at different temperatures



\* The curves maybe different according to specific customer requirement

## Products Specification

Model	SBS-48V200AH	SBS-51.2V200AH
Capacity	9.6KWH	10.24KWH
Standard Discharging Current	50A	50A
Max Discharging Current	100A	100A
Working Voltage	40.5-54VDC	43.2-57.6VDC
Standard Voltage	48VDC	51.2VDC
Max Charging Current	100A	100A
Max Charging Voltage	54V	57.6V
Suggested DOD Model	90%	
Humidity	20-60%	
Installation	Rack mounted or cabinet	
Max Number of Series	8S	
Max Number Of Parrallel	16P	
Warranty	5年 / 5 Years	
Communication	CAN/RS485(WiFi/bluetooth/4G optional)	
Product Size	590*484*178mm	
Packing Size	730*544*270mm	
Net Weight	70.5kg	72.5kg
Gross Weight	78.5kg	80.5kg

## Product dimensions

