

SOLAR SUPER STORE INC.

5200 Watt (5.2kW) 48V Lithium LiFePO4 Battery Energy Storage System

General Information

~3500 Cycle Life

- 1 Rated Voltage 51.2V
- 2 Rated Capacity 100Ah
- 3 Rated Energy 5.2KWH
- 4 Battery 32S
- 5 Battery Cell 3.2V 50AH 32PCS

Standard Charge

- 1 Battery operation temperature range @charging 0~45°C
- 2 Max charge voltage 58.4±0.4V
- 3 Rated charge voltage 56.0±0.4V
- 4 Allowed MAX charge current 60A
- 5 Rated charge current 50A

Standard Discharge

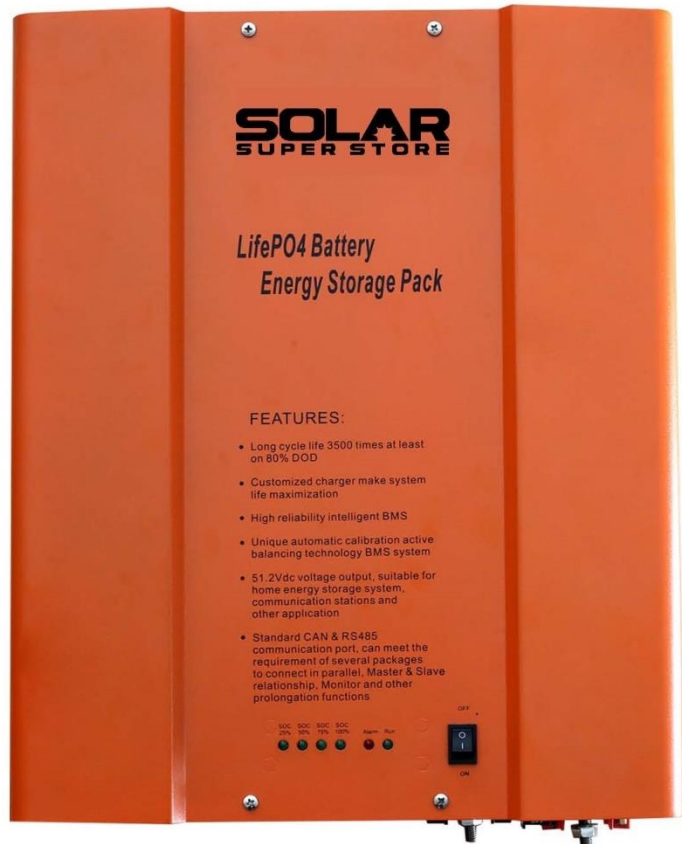
- 1 Battery operation temperature range @discharging -20~60°C
- 2 Output Voltage Range 40~58.4V
- 3 Allowed MAX discharge current 110A 1m
- 4 Peak discharge current 120A 5s
- 5 Rated discharge current 100A
- 6 Discharge Cut-off voltage 40V

Mechanical Characteristics

- 1 Dimension Length:680mm Width:400mm Height:300mm
- 2 Weight Approx. 70Kg

Storage and Transportation requirements

- 1 Storage Temperature Less than 1 month -20~35°C- Less than 6 month -10~30°C
- 2 Storage Humidity 45~75%RH
- 3 SOC Storage 60~75% SOC Transport 45~55% SOC



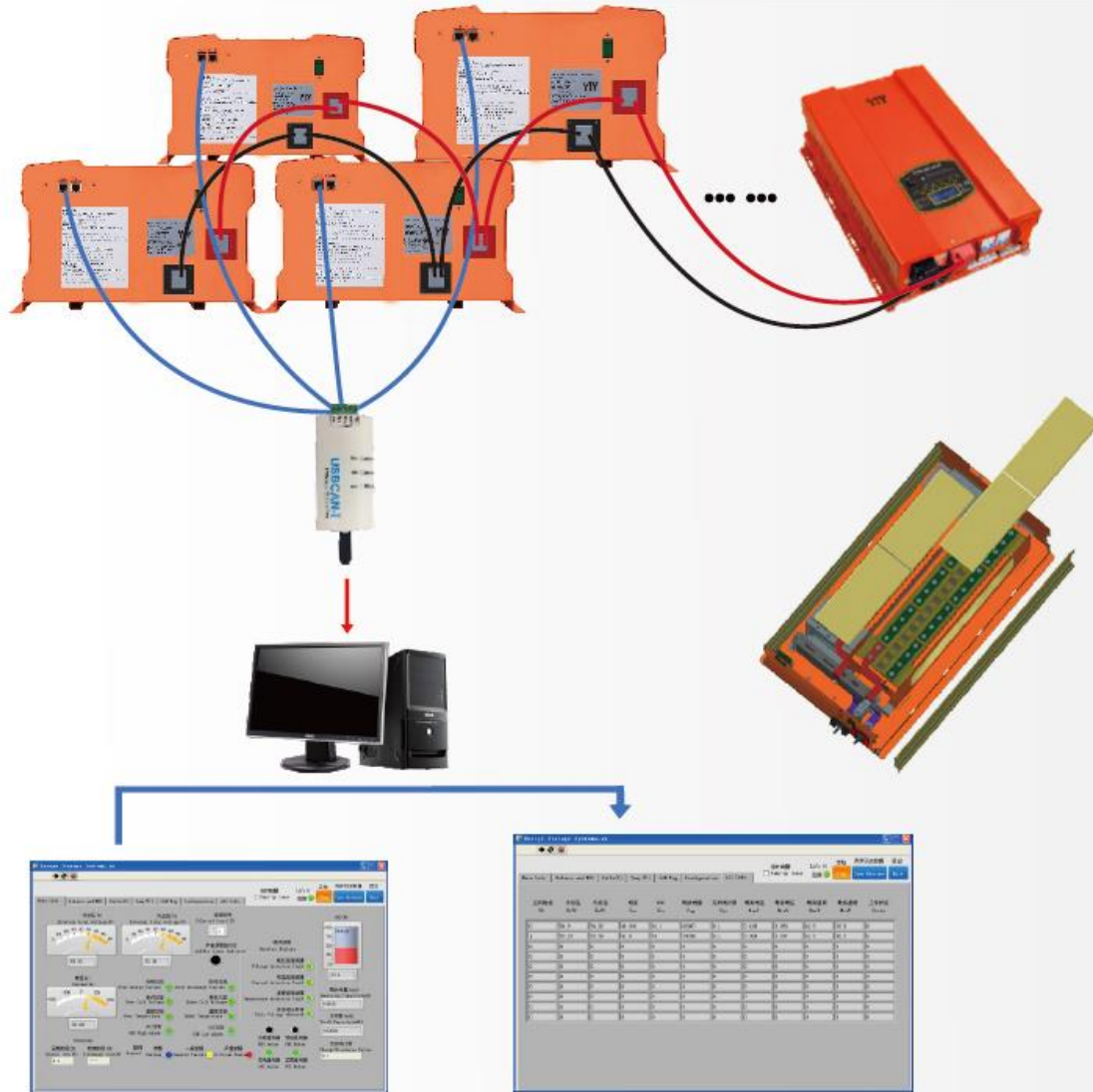
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Battery Monitoring Energy Storage System



- ◆ 51.2 volt output, suitable for homes.
- ◆ High reliability.
- ◆ Unique automatic calibration active balancing energy storage system, communication stations and other applications.
- ◆ Standard communication port, can meet the requirement of several Batteries to connect in parallel, Master & Slave relationship, Monitor and other prolongation functions.



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