

SOLAR SUPER STORE INC.

4600 Watt (4.6kW) 24V Lithium LiFePO4 Battery Energy Storage System

General Information

~3500 Cycle Life

- 1 Rated Voltage 25.6V
- 2 Rated Capacity 180Ah
- 3 Rated Energy 5.2KWH
- 4 Battery 8S 2P
- 5 Battery Cell 3.2V 90AH 16PCS

Standard Charge Conditions

- 1 Battery operation temperature range
@charging 0~45°C
- 2 Max charge voltage 29.2±0.2V
- 3 Rated charge voltage 28.0±0.2V
- 4 Allowed MAX charge current 100A
- 5 Rated charge current 90A

Standard Discharge Conditions

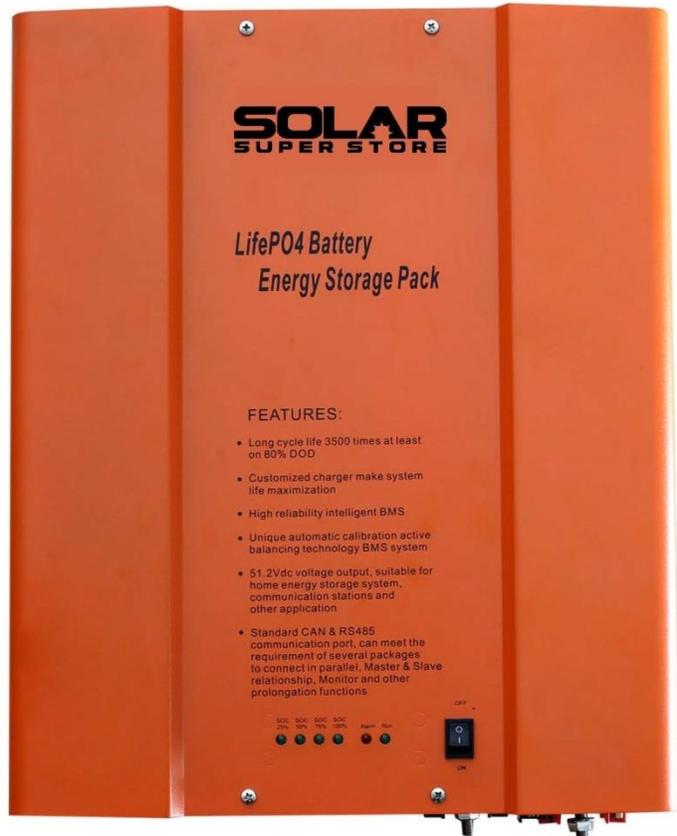
- 1 Battery operation temperature range
@discharging -20~60°C
- 2 Output Voltage Range 20~29.2V
- 3 Allowed MAX discharge current 220A 1m
- 4 Rated discharge current 180A
- 5 Discharge Cut-off voltage 20V

Mechanical Characteristics

- 1 Dimension Length:500mm Width:530mm Height:200mm
- 2 Weight Approx. 50Kg

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



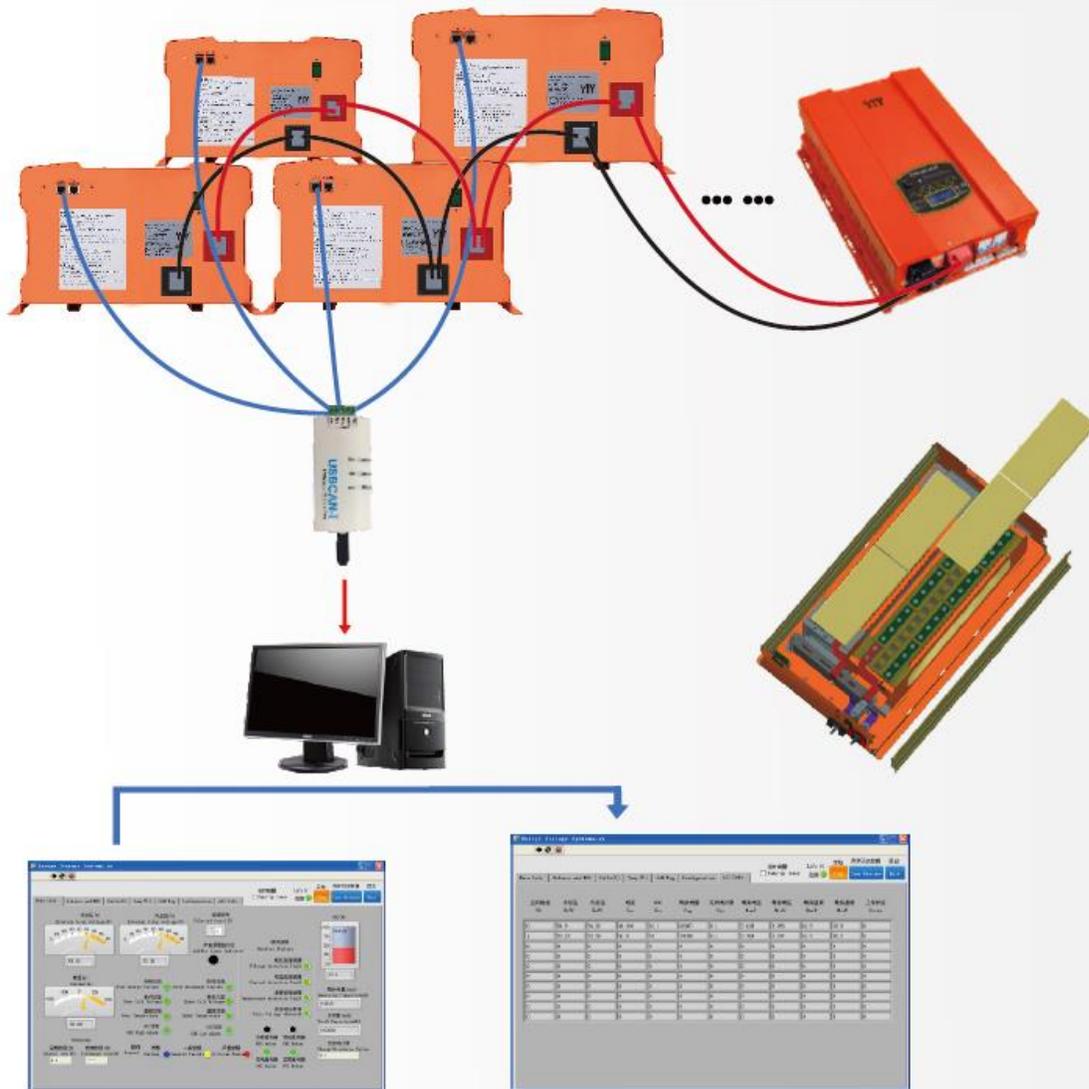
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Solar Super Store Inc.

Battery Monitoring Energy Storage System



- ◆ 25.6 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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