

# SOLAR SUPER STORE INC.

4600 Watt (4.6kW) 12V Lithium LiFePO4 Battery Energy Storage System

## General Information

~3500 Cycle Life

- 1 Rated Voltage 12.8V
- 2 Rated Capacity 360Ah
- 3 Rated Energy 4.6KWH
- 4 Battery 4S4P
- 5 Battery Cell 3.2V 90AH 16PCS

## Standard Charge

- 1 Battery operation temperature Range @ charging 0~45°C
- 2 Max charge voltage 14.0±0.1V
- 3 Rated charge voltage 13.6±0.1V
- 4 Allowed MAX charge current 180A
- 5 Rated charge current 150A

## Standard Discharge

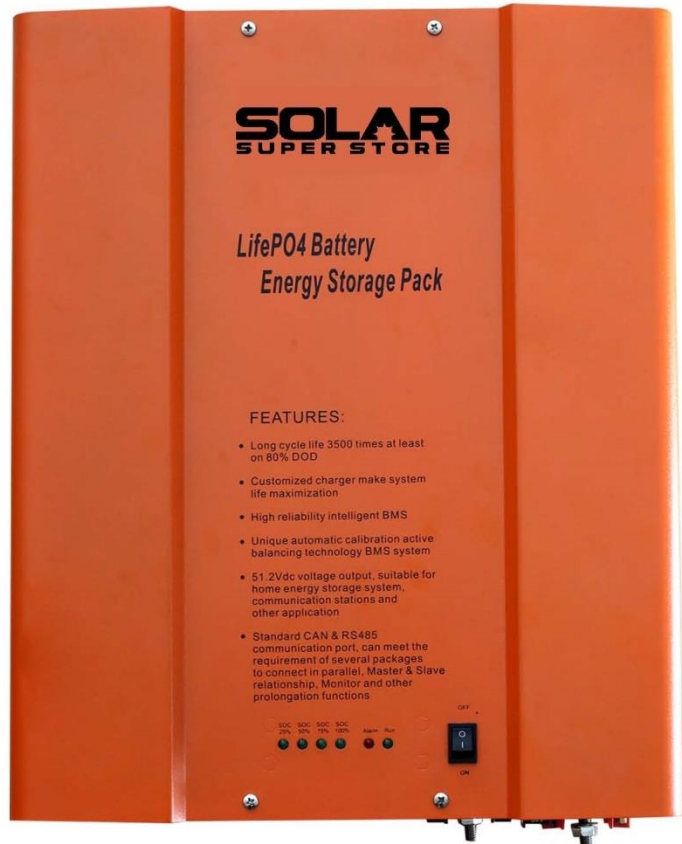
- 1 Battery operation temperature range @discharging -20~60°C
- 2 Output Voltage Range 10~14.6V
- 3 Allowed MAX discharge current 400A 1m
- 4 Rated discharge current 360A
- 5 Discharge Cut-off voltage 10V

## Mechanical Characteristics

- 1 Dimension Length:500mm Width:530mm Height:300mm
- 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



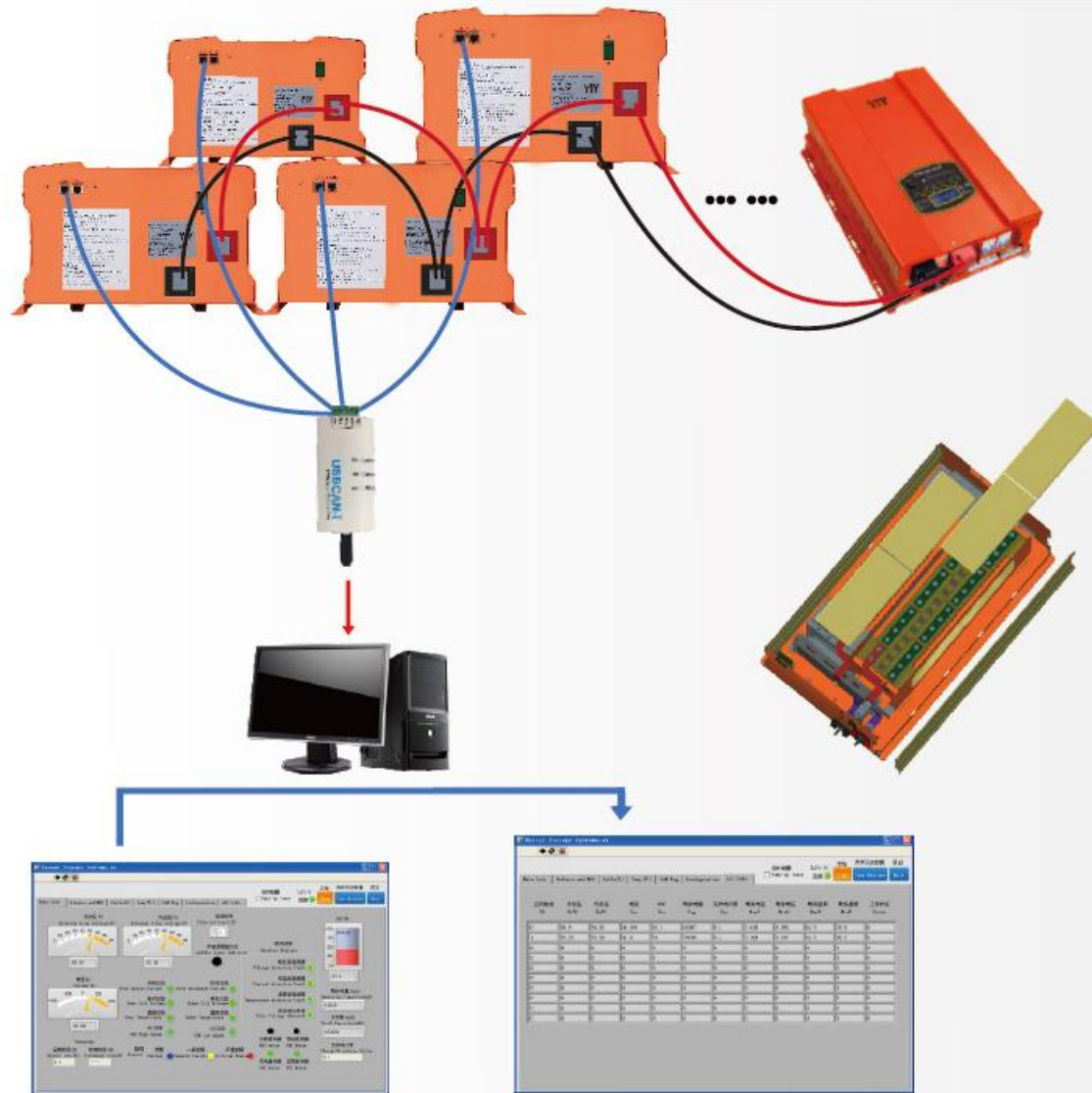
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## Battery Monitoring Energy Storage System



- ◆ 12.8 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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