

SOLAR SUPER STORE INC.

3800 Watt (3.8kW) 12V Lithium LiFePO4 Battery Energy Storage System

General Information

~3500 Cycle Life

- 1 Rated Voltage 12.8V
- 2 Rated Capacity 300Ah
- 3 Rated Energy 3.84KWH
- 4 Battery 4S4P
- 5 Battery Cell 3.2V 75AH 16PCS

Standard Charge

- 1 Battery operation temperature Range @ charging 0~45°C
- 2 Max charge voltage 12.8±0.1V
- 3 Rated charge voltage 14.0±0.1V
- 4 Allowed MAX charge current 120A
- 5 Rated charge current 100A

Standard Discharge

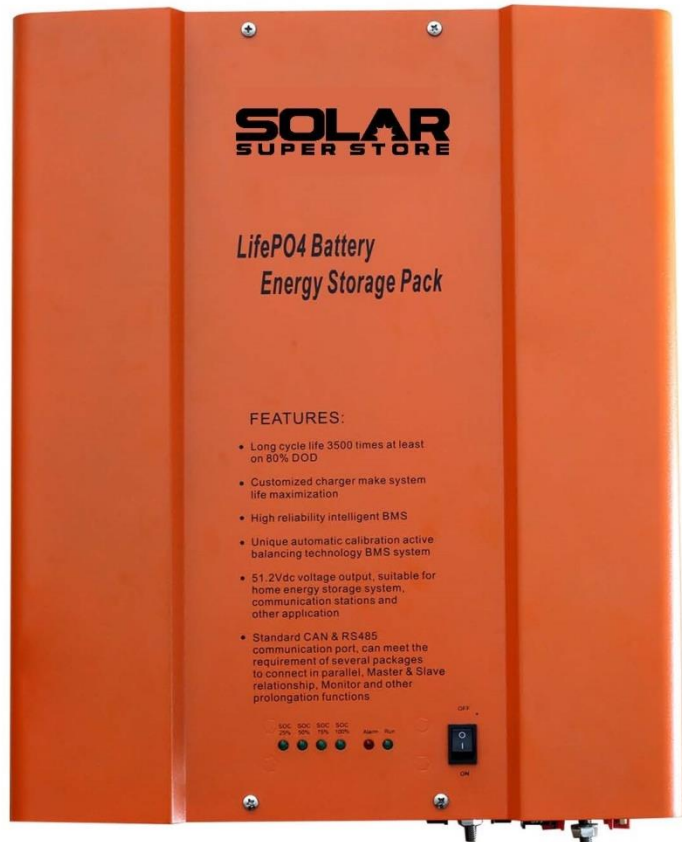
- 1 Battery operation temperature range @discharging -20~60°C
- 2 Output Voltage Range 10~14.6V
- 3 Allowed MAX discharge current 220A 1m
- 4 Peak discharge current 240A 5s
- 5 Rated discharge current 200A
- 6 Discharge Cut-off voltage 10V

Mechanical Characteristics

- 1 Dimension Length:500mm Width:400mm 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



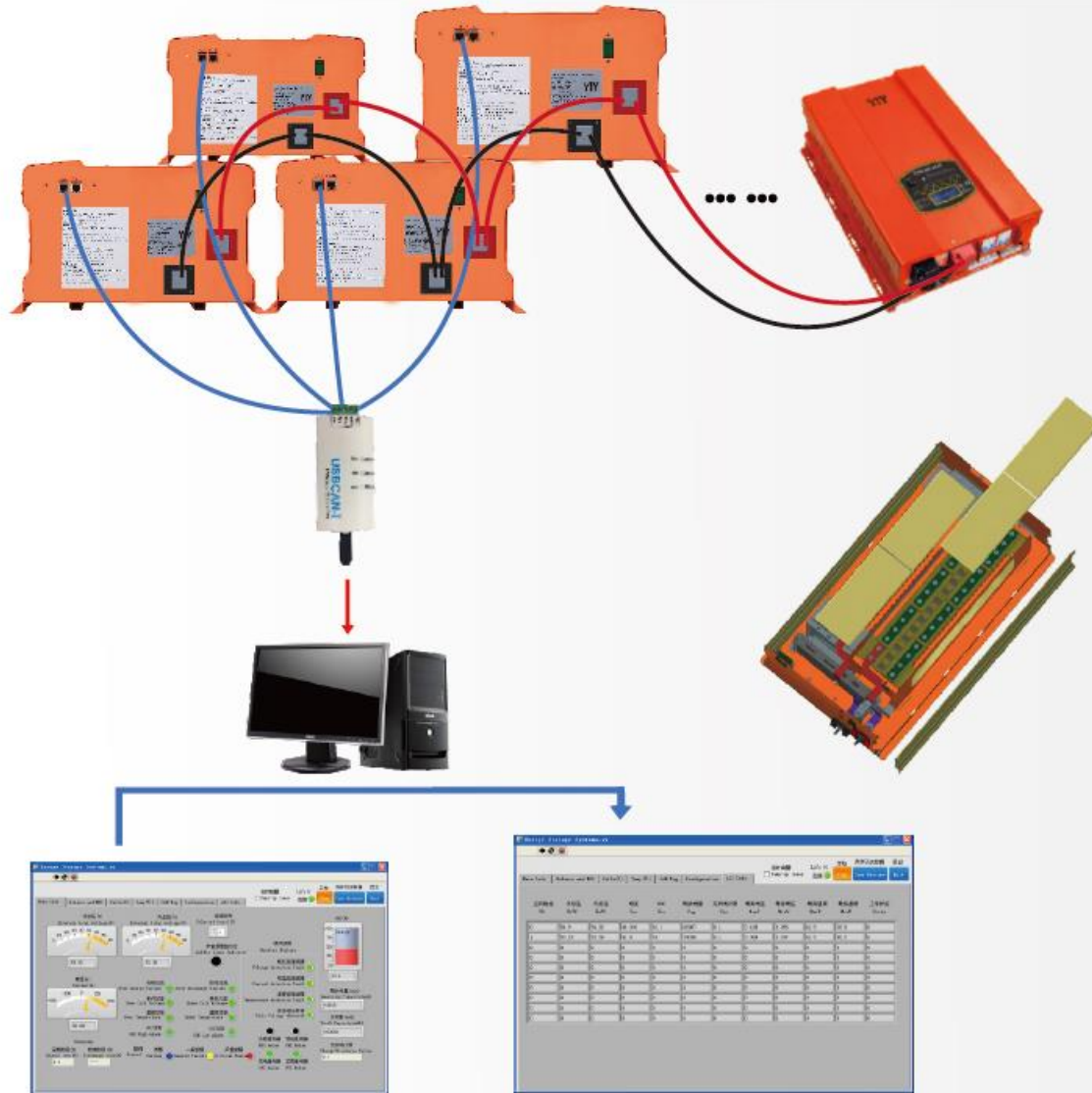
4921 99 Street NW
Edmonton, AB T6E 4Y1
Canada

PHONE
E-MAIL
WEB SITE

(780) 257-8963
solarsuperstore@outlook.com
www.solarsuperstore.ca

SOLAR SUPER STORE INC.

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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