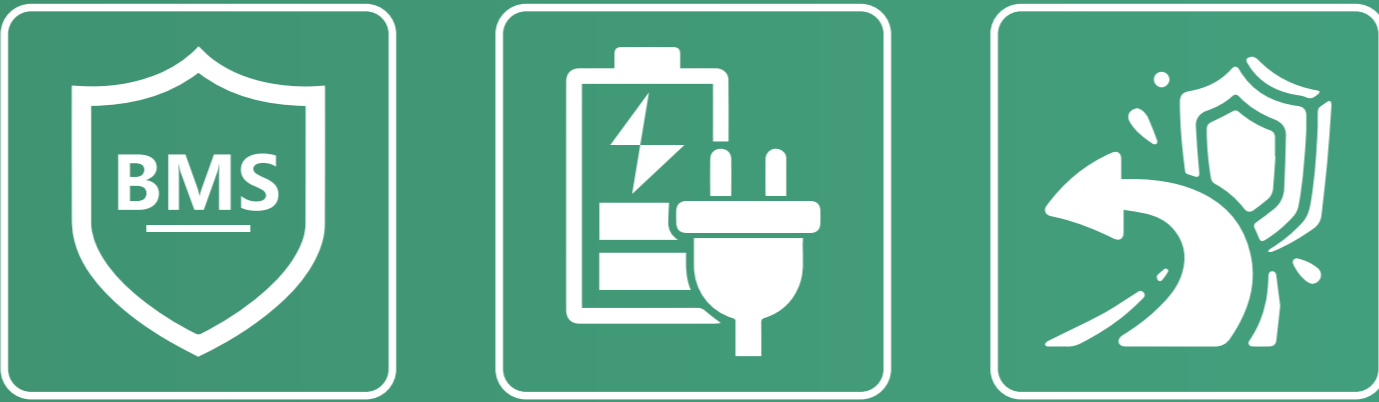


Rack Type Energy Storage LiFePO4 Battery



51.2V
M16S100-200BL-U



01 BATTERY FEATURES

- ◆ Standardized design: Standard 3U and 4U case, good applicability;
- ◆ In parallel to enlarge energy: Add the current limiting module, support multiple battery parallel use, expand the battery capacity, meet the high energy demand of customers;
- ◆ Intelligent lithium battery management system: With RS485 communication, you can monitor the battery status at any time and set protection parameters such as charge and discharge according to customers' requirements;
- ◆ Balancing: Automatic collection of battery single series voltage, pressure difference up to 30mV (can be set), automatic start equalization function;
- ◆ Warning function: Warning functions such as overcharge, overdischarge, overcurrent, high temperature and low temperature can greatly reduce the potential safety hazard.

Product Description		
Product Model	M16S100BL-U	M16S200BL-U
Cells In Series	16S	16S
Rated Energy (KWh)	5.0	10.24
Rated Voltage (V)	51.2	51.2
Charging Voltage (V)	58.2	58.2
Discharge Cut-off Voltage (V)	42	42
Standard Charge Current (A)	20	20
Maximum Charging Current (A)	100	100
Maximum Discharge Current (A)	100	100
Features		
Cycle Life	≥ 6000 times @ 80% DOD, 25 °C	≥ 6000 times @ 80% DOD, 25 °C
Methods Of Communication	RS485/CAN	RS485/CAN
Charging Temperature	0~60 °C	0~60 °C
Discharge Temperature	-10~65 °C	-10~65 °C
How It Is Displayed	/	/
IP Protection	IP 21	IP 21
Conventional		
Product Dimensions (L×W×Hmm)	485×445×175	630×490×255
Net Weight (Kg)	43.9	82.1
Packing Dimensions (L×W×Hmm)	550×520×230	755×525×410
Gross Weight (Kg)	46	100

02 FIELDS OF APPLICATION

Rack Type Energy Storage LiFePO4 Battery, and the main use areas are as follows:

Standby power

Home energy storage

Machine shop

Solar storage ...