

# Floor-Mounted Energy Storage Battery



**51.2V**  
**M16S280BL-F**



## 01 BATTERY FEATURES

- ◆ Original Grade A lithium iron phosphate battery cell has high safety and reliability
- ◆ The charging and discharging efficiency is high, and the number of cycles is more than 6000 times
- ◆ Compatible with most inverters on the market
- ◆ Supporting RS485 and CAN communication
- ◆ Modular design, can be expanded at any time to increase the energy of the system
- ◆ Supporting up to 15 batteries in parallel
- ◆ ON/OFF switch control output
- ◆ The LCD display monitors the operating status in real time

### Product Description

Product Model	M16S280BL-F
Cells In Series	16S
Rated Energy (KWh)	14.3
Rated Voltage (V)	51.2
Charging Voltage (V)	58.4
Discharge Cut-off Voltage (V)	42
Standard Charge Current (A)	50
Maximum Charging Current (A)	100
Maximum Discharge Current (A)	100

### Features

Cycle Life	≥ 6000 times @ 80% DOD, 25 °C
Methods Of Communication	RS232/RS485/CAN
Charging Temperature	0~60°C
Discharge Temperature	-10~65°C
How It Is Displayed	LCD display
IP Protection	IP 21

### Conventional

Product Dimensions (L×W×Hmm)	580×280×800
Net Weight (Kg)	124.2
Packing Dimensions (L×W×Hmm)	700×495×900
Gross Weight (Kg)	142.7

## 02 FIELDS OF APPLICATION

Floor-Mounted Energy Storage LiFePO4 Battery, and the main use areas are as follows:

Standby power

Home energy storage



Machine shop

Solar storage ...