

12/24V LiFePO4 Battery



4000+

Grade A battery Cell: High-quality battery cells make LiFePO4 battery provide 4000+ deep cycles and more than 10 years lifetime, 5 years warranty.

BMS

Advanced BMS: 12V100AH/200AH LifePO4 Battery Built-in 100A/200A BMS . Bluetooth module / LCD display: Battery voltage /SOC on LCD display, Bluetooth module monitors battery information.

Heating

Self-Heating Function: The intelligent self-heating function will be auto-activated operating when the battery's core temperature drops below 33.8 °F (1 °C) and will be stopped when the temperature has reached 42.8 °F(6 °C).

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Massive Energy Expansion: SUNGOLDPOWER 12V 100Ah/200Ah ,24V 100Ah Lithium battery supports in 12, 24, or 48V configurations, or connect in Parallel for Larger Capacity.



BATTERY SYSTEMS
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Bluetooth

BMS

LCD Display

Fast Charge

Heating

IP65 Grade

Technical Specifications

Product Model	LFP-12V-100A	LFP-12V-200A	LFP-24V-100A
Norminal Characteristics			
Nominal Voltage	12.8V		25.6V
Nominal Capacity	100Ah	200Ah	100Ah
Energy	1280Wh	2560Wh	2560Wh
Efficiency	≥99.5%		
Charge & Discharge Characteristics			
Voltage Window	10.8-14.6V		21.6-29.2V
Max. Continuous Charge Current	100A	150A	100A
Peak Discharge Current	200A(15s±2s)	245A(15s±2s)	200A±3A(10s)
Recommended charge current/A	50A	100A	50A
Recommended discharge current/A	50A	100A	50A
Operating Conditions			
Cycle Life (0.2C,25°C: 80%DOD)	≥4000		
Operating Temperature	Charge: -20°C~45°C Discharge:-20°C~55°C		
Monitoring Function	LCD		
Mechanical Characteristics			
Case Material	ABS		
Dimension (L*W*H)	12 X 6.6 X 8.9 inch	19.7 X 9.4 X 9.1inch	20.7 X 9.4 X 8.7inch
Weight	22.7LB	48.5LB	45LB
Terminal Type	M8		
IP Grade	65		
BMS Characteristics			
Communicating Function	Bluetooth		