

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


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,77°F: 80%DOD)	≥4000		
Operating Temperature	Charge: -4°F ~ 113°F , Discharge:-4°F ~ 131°F		
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		