

# 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

[www.sungoldpower.com](http://www.sungoldpower.com)

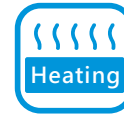


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**Bluetooth**

**BMS**

**LCD Display**

**Fast Charge**

**Heating**

**IP65 Grade**

## Technical Specifications

Product Model	LFP-12V-100A	LFP-12V-200A	LFP-24V-100A
<b>Norminal Characteristics</b>			
Nominal Voltage	12.8V		25.6V
Nominal Capacity	100Ah	200Ah	100Ah
Energy	1280Wh	2560Wh	2560Wh
Efficiency	≥99.5%		
<b>Charge &amp; Discharge Characteristics</b>			
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
<b>Operating Conditions</b>			
Cycle Life (0.2C,77°F: 80%DOD)	≥4000		
Operating Temperature	Charge: -4°F ~ 113°F , Discharge:-4°F ~ 131°F		
Monitoring Function	LCD		
<b>Mechanical Characteristics</b>			
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		
<b>BMS Characteristics</b>			
Communicating Function	Bluetooth		