

12V 200AH LiFePO4 Lithium Battery

This 12V 200AH LiFePO4 lithium battery provides a reliable and long-lasting power solution. The integrated battery management system (BMS) protects against overcharge, over-discharge, over-current, and short circuits, ensuring optimal performance and safety.



ADDITIONAL IMAGES



Product Overview

High-Performance LiFePO4 Energy Storage

This 12V 200AH LiFePO4 lithium battery is engineered for reliable, long-lasting power in demanding environments. Utilizing advanced Lithium Iron Phosphate technology, it offers superior thermal stability and safety compared to traditional lead-acid alternatives. Designed with an integrated battery management system (BMS), it provides critical protection against overcharge, over-discharge, over-current, and short circuits, making it an ideal choice for off-grid solar power systems and backup applications.

Electrical Specifications

Nominal Voltage	12.8 V
Rated Capacity	200 AH
Total Energy	2560 WH

Performance Metrics

Performance Highlights

1500 cycles

Cycle Life

50 A

Max Charge Current

100 A

Max Discharge Current

Safety and Protection

Protection Features	Overcharge Protection, Over-discharge Protection, Overcurrent Protection, Short-circuit Protection, Overtemperature Protection, Cell Equalizer
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Physical and Environmental

Physical Specifications

Attribute	Value
Weight	22 KG
IP Grade	IP65
Case Design	Horizontal / Wall Hanging

Operating Conditions

Operating Temperature

- Charging: 0°C to 45°C
- Discharging: -20°C to 60°C