

Power Pack 12V 100Ah UPS LiFePO4 Battery Reliable Backup for Onl

SKU / Model: Not specified

PRODUCT OVERVIEW

Technical Specifications Battery Chemistry: LiFePO4 (Lithium Iron Phosphate) Nominal Voltage: 12.8V Rated Capacity: 100Ah Rated Energy: 1280Wh Max Continuous Discharge Current: (Specify as per your model, e.g., 100A) Charging Voltage: 14.4V 14.6V Cycle Life: 2000 5000 cycles @ 80% DOD Operating Temperature: Charging: 0°C to 45°C Discharging: -20°C to 60°C Protection Features: Overcharge Protection Over-discharge Protection Overcurrent Protection Short Circuit Protection Temperature Protection

TECHNICAL SPECIFICATIONS

Nominal Voltage: 12V
Capacity: 100Ah
Energy: 1280Wh
Chemistry: LiFePO4
Maximum / BMS Current: 100A
Cycle Life: 5000 cycles
Charging Voltage: 14.4V
Product Category: ONLINE UPS BATTERIES

PRODUCT DESCRIPTION

Power Pack 12V 100Ah UPS LiFePO4 Battery Reliable Backup for Online UPS The 12V 100Ah UPS LiFePO4 Battery is a high-capacity lithium backup power solution designed for online UPS systems and large standby applications. Built using advanced LiFePO4 (Lithium Iron Phosphate) technology, this battery provides superior safety, extended lifespan, and stable voltage output compared to conventional lead-acid batteries. With a 12.8V nominal voltage and 100Ah capacity, this battery delivers powerful and long-duration backup for data centers, telecom systems, industrial equipment, solar storage, and mission-critical power systems. Key Features Nominal Voltage: 12.8V Capacity: 100Ah Energy Output: 1280Wh (1.28kWh) Built-in Smart BMS Protection 2000 5000+ Cycle Life High Continuous Discharge Capability Fast Charging & Low Self-Discharge Maintenance-Free Operation Drop-in Replacement for 12V 100Ah Lead-Acid Batteries Ideal Applications Online UPS systems Data center & server backup Telecom power systems Solar energy storage systems Industrial backup power Medical equipment backup Emergency lighting & security systems Advantages Over Lead-Acid Batteries Up to 4xlonger lifespan 50% lighter weight Higher usable energy capacity Faster charging time Deep discharge capability Stable voltage output Eco-friendly & maintenance-free Package Includes 1 ×12V 100Ah UPS LiFePO4 Battery Built-in Smart BMS User Manual Powerful & Long-Lasting Backup Energy Solution Engineered for both standby and cyclic applications, this 12V 100Ah LiFePO4 battery ensures stable performance, enhanced safety, and long-term reliability for high-demand UPS and backup power systems.

