

Sealed Lead-Acid Battery for UPS

This sealed lead-acid battery is designed for uninterruptible power supply (UPS) applications. It provides reliable power backup and includes safety features to prevent fire, explosion, or burns.



Product Overview

High-Performance LiFePO4 Backup Power

This advanced power system utilizes Lithium iron phosphate (LiFePO4) technology to provide superior safety, extended cycle life, and high energy density. Equipped with an intelligent embedded BMS, it offers real-time monitoring, remote control capabilities, and comprehensive protection against voltage, current, and temperature fluctuations. Designed for versatility, this unit is ideal for industrial UPS systems, telecommunications, and outdoor monitoring applications.

Performance Metrics

Key Performance Indicators

5000 cycles

Cycle Life (Type C)

2 %/mo

Self-Discharge Rate

95 %

Fast Charge Capacity

Technical Specifications

Operating Conditions

- Operating Temperature: -20°C to 60°C
- Cooling: Passive (Low noise)
- Communication: Modbus protocol
- Installation: 19-inch cabinet or wall-mounted
- Wiring: Plug-and-play harness

Safety & Protection

Voltage Protection, Current Protection, Temperature Monitoring, Secondary Cut-off, Electromagnetic Shielding

Applications

Recommended Applications

- Wireless Hut back-up power
- Wireless Repeater back-up
- Fiber-Optic access network back-up
- Outdoor Billboard lighting
- 48V Switchgear & Control Back-up
- Long duration Industrial UPS Systems
- FTTB & LAN/WIFI Connection Power
- Street & Highway Monitoring