

# 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