

# Sealed Lead-Acid UPS Battery

This is a maintenance-free sealed lead-acid battery designed for high-performance UPS applications. The non-spillable battery provides reliable power and offers a long service life.



## Product Overview

### Advanced Energy Storage System

This advanced battery system utilizes Lithium iron phosphate (LiFePO4) technology to provide superior safety, extended cycle life, and high energy density. Equipped with an intelligent Battery Management System (BMS), it offers real-time monitoring of voltage, current, and temperature, ensuring reliable performance across diverse industrial applications. The design supports flexible installation options, including 19-inch cabinets or wall-mounting, making it an efficient solution for backup power requirements.

## Technical Performance

### Cycle Life Performance

**5000 cycles**

Cycles (80% DOD)

**3500 cycles**

Cycles (100% DOD)

Self-Discharge Rate	d 2%per month
Operating Temperature	-20°C to 60°C
Fast Charging	95% capacity in 30 minutes at 1C

## Features & Safety

### BMS Features

- Voltage, current, and temperature protection
- Modbus protocol communication
- Remote central control integration
- Real-time parameter monitoring
- Secondary cut-off protection

Safety & Environmental	Heavy metal free, Passive cooling, Electromagnetic shielding, No memory effect, LiFe-PO4 chemistry
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## Installation & Compatibility

### Installation

19" Cabinet • Wall-mounted • Plug-and-play wiring

## Applications

### Common Applications

- Wireless Hut back-up power
- Fiber-Optic access network back-up
- Industrial UPS Systems
- Street & Highway monitoring
- 48V Switchgear control