

# LiFePO4 Battery Pack

This LiFePO4 battery pack provides 1C current discharge and offers more than 2000 cycles life. It is designed for safe and environmentally conscious energy solutions.



## ADDITIONAL IMAGES



## Overview

### High-Performance LiFePO4 Energy Storage

This LiFePO4 battery pack offers superior energy density and conversion efficiency, making it an ideal choice for demanding industrial and commercial applications. Engineered for safety and longevity, it features a robust design that eliminates fire and explosion risks while providing high cycle times. With an ultra-low self-discharge rate of less than 1.5% per month, this battery ensures reliable power availability for critical systems.

## Technical Specifications

### Voltage & Capacity

**12 V**

Nominal Voltage

**100 Ah**

Capacity

### Charging Parameters

Mode	Voltage Range
Standby Use (Float Charge)	13.5-13.8V
Cyclic Use	14.4-15.6V

Maximum Discharging Current

100 A

Self Discharge Rate

<1.5% per month

## Features & Benefits

### Key Features

- High cycle times and long service life
- Fast charging capability
- High energy density
- Excellent high-temperature performance
- Safety-focused design (No fire/explosion risk)
- Environmental friendly (No heavy metals)

### Certifications

CE, ISO

## Applications

### Supported Applications

Electric Vehicles • Solar/Wind Storage • UPS Backup • Telecommunications • Medical Equipment • Wheelchairs • Robotics • Lighting