

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