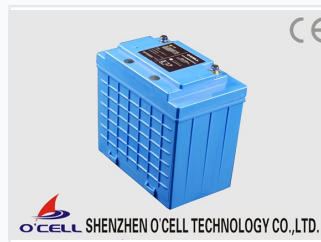


12.8V 100Ah LiFePO4 Battery Pack

This LiFePO4 battery pack provides excellent weight saving compared to lead-acid alternatives, while offering a long cycle life. The integrated management system monitors current, voltage, and temperature, isolating the battery when operating parameters are exceeded and resetting upon error correction.



ADDITIONAL IMAGES



Overview

High-Performance LiFePO4 Energy Storage

This 12.8V 100Ah Lithium Iron Phosphate (LiFePO4) battery pack is engineered as a superior, lightweight alternative to traditional lead-acid (VRLA) batteries. Featuring an integrated Battery Management System (BMS), it ensures optimal safety through cell balancing and protection against over-charge, over-discharge, over-current, and temperature extremes. Designed for longevity, this maintenance-free battery offers an extended cycle life and reliable performance for demanding professional applications.

Key Metrics

Nominal Voltage

12.8 V
Voltage

Capacity

100 Ah
Capacity

Performance & Lifecycle

Cycle Life	3000 cycles
Self-Discharge Rate	2% per month
Expected Service Life	8-10 years

Safety & Management

Internal Protection Features

- Over charge protection
- Over discharge protection
- Over current protection
- Temperature protection
- Cell balancing function

Certifications

UL Certified, CE

Applications

Suitable Applications

Portable Power • Auxiliary Vehicle Power • Marine • Solar/Renewable Power • Defence • Medical Carts • Environmental Control Back-up