18650 Lithium Iron Phosphate Battery Cell

This 18650 lithium iron phosphate (LiFePO4) battery cell delivers high energy density and a long cycle life. It is designed for use in power tools, electric vehicles, and energy storage systems.

ADDITIONAL IMAGES

Overview

High-Performance LiFePO4 18650 Cell

This Lithium Iron Phosphate (LiFePO4) 18650 cylindrical cell offers a robust and safe power solution for demanding electronic applications. Designed to provide significant weight savings compared to traditional lead-acid alternatives, it features an integrated management system that ensures stability, safety, and longevity. With an impressive cycle life and fast recharge capabilities, this cell is an ideal choice for portable power, renewable energy storage, and electric vehicle systems.

Key Metrics

Expected Cycle Life

3000 cycles
Charge Cycles

Self-Discharge Rate	2 %/month

Technical Features

Maintenance

Maintenance-free • Sealed construction

Chemistry	Lithium Iron Phosphate (LiFePO4)
Built-in Protection	Over charge protection, Over discharge protection, Over current protection, Temperature protection, Cell balancing

Applications

Primary Applications

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

Certifications

Compliance

UL Certified