

# IFR26650 LiFePO4 Battery 3.2V

This IFR26650 LiFePO4 battery features a nominal voltage of 3.2V and capacities ranging from 3000mAh to 3800mAh. Its LiFePO4 chemistry provides enhanced safety and a longer cycle life, making it suitable for power tools, electric vehicles, and energy storage systems.



## ADDITIONAL IMAGES



## Overview

### High-Performance LiFePO4 Technology

These LiFePO4 batteries offer a superior alternative to traditional lead-acid (VRLA) batteries, providing significant weight savings and extended cycle life. Designed for reliability, they feature an integrated management system that monitors voltage, current, and temperature to ensure safe operation and automatic recovery from system errors. With robust, sealed construction, these batteries are maintenance-free and ideal for a wide range of demanding applications.

## Technical Specifications

Nominal Voltage	3.2 V
Capacity Range	3000mAh - 3800mAh
Expected Cycle Life	3000 cycles
Self-Discharge Rate	2 %/month

## Features

### Key Benefits

- Weight reduction (50-66% lighter than VRLA)
- Integrated battery management system (BMS)
- Fast recharge capability
- Maintenance-free sealed construction
- Excellent safety profile

Certifications	UL Certified, CE
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## Safety & Protection

### Internal Protection Functions

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

## Applications

### Recommended Applications

Portable Power • Marine • Solar/Renewable • Medical Carts • Defence • Auxiliary Vehicle Power