

Electric Bicycle Lithium-Ion Battery Pack

This lithium battery is designed for electric bicycles and e-bikes. It provides more power and a longer lifespan, ensuring safe and high-quality performance.



Overview

High-Performance E-Bike Power Solution

This electric bicycle lithium-ion battery pack utilizes premium A-grade ternary 18650 (NCM) cells to ensure high conversion efficiency and a long service life. Engineered with an independent R&D intelligent BMS management system, it provides real-time monitoring of every cell to optimize performance and safety. Designed for reliability, the pack features robust temperature resistance, allowing for normal discharge in environments ranging from -20°C to 60°C.

Technical Specifications

Cell Technology	18650 Ternary Lithium (NCM)
Operating Temperature	-20°C to 60°C

Safety & Protection

Insurance Provider
China Pacific Insurance Company

Integrated Protections
Overvoltage Protection, Overcharge Protection, Overdischarge Protection, Overcurrent Protection, Short-circuit Protection, Temperature Protection, Charging Protection

Design & Build

Construction Highlights

- A-grade battery cells
- Low consolidation resistance fixing bracket
- High-efficiency shaping nickel belt
- Rust-resistant components