

Electric Bicycle Lithium-Ion Battery Pack

Lithium battery designed for electric bicycles and e-bikes. It provides reliable power, long life, and high quality.



Product Overview

High-Performance E-Bike Power Solution

This electric bicycle lithium-ion battery pack utilizes high-quality A-grade ternary lithium 18650 (NCM) battery cells to ensure a high conversion rate and extended service life. Equipped with an independently developed BMS intelligent management system, the unit provides real-time monitoring of each cell for optimal safety and performance. Designed for durability and reliability, it features robust construction and comprehensive protection mechanisms suitable for demanding riding conditions.

Technical Specifications

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

Safety & Management

Insurance Coverage Insured by China Pacific Insurance Company	
Safety Protections	Overvoltage Protection, Overcharge Protection, Overdischarge Protection, Overcurrent Protection, Short-circuit Protection, Temperature Protection, Charging Protection
Management System	Independent BMS Intelligent Management System

Design & Construction

Construction Details

- A-grade ternary lithium 18650 cells
- Fixing bracket for stability
- Shaping nickel belt with low consolidation resistance
- High conversion rate design