

Electric Bicycle Lithium-Ion Battery Pack

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



Product Overview

High-Performance E-Bike Battery Solution

This lithium-ion battery pack is engineered for electric bicycles using premium A-grade ternary lithium 18650 (NCM) cells. It features an advanced, independently developed BMS intelligent management system that provides real-time monitoring and comprehensive safety protections for every cell. Designed for durability and reliability, the pack ensures consistent performance across a wide temperature range, making it suitable for demanding riding conditions.

Technical Specifications

Operating Temperature

-20 °C

Min Temperature

60 °C

Max Temperature

Cell Chemistry

Ternary Lithium 18650 (NCM)

Safety & Protection

Insurance Coverage

China Pacific Insurance Company

Protection Functions

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

Design & Construction

Key Design Features

- Robust enclosure
- Integrated USB charging ports
- Secure locking mechanism
- Integrated charging indicator
- Low consolidation resistance fixing bracket
- High-efficiency nickel belt