

Electric Bicycle Lithium-Ion Battery Pack

Lithium-ion battery pack designed for electric bicycles and e-bikes. It delivers high power, long life, and safe, high-quality performance.



Product Overview

High-Performance E-Bike Power Solution

This electric bicycle lithium-ion battery pack utilizes A-grade ternary lithium 18650 (NCM) cells, ensuring high conversion rates and long service life. Engineered with an intelligent BMS management system and a smart PCB, it provides real-time monitoring of each cell to maximize safety and efficiency. Designed for durability, the unit features robust construction and reliable performance across a wide temperature range.

Technical Specifications

Operating Temperature

-20 °C

Min Temperature

60 °C

Max Temperature

Cell Technology

Ternary Lithium 18650 (NCM)

Safety & Protection

Battery Management

- Independent R&D BMS Intelligent Management System
- Smart PCB for real-time cell monitoring
- A-grade 18650 cell assembly
- High-conversion nickel belt connections

Integrated Protection Functions

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

Quality Assurance

Quality Certification

Insured by China Pacific Insurance