

# 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