

# Electric Bicycle Lithium Battery

This is a lithium battery pack designed for electric bicycles and e-bikes. It provides reliable power, long life, and high quality performance.



## Product Overview

### High-Performance E-Bike Power Solution

This electric bicycle lithium battery is engineered using A-grade ternary lithium 18650 (NCM) cells for optimal conversion rates and durability. It features an advanced, independently developed BMS intelligent management system that provides real-time monitoring of each cell to ensure safety and extended battery life. Designed for reliability, the unit operates efficiently in extreme temperatures ranging from -20°C to 60°C and includes comprehensive circuit protection features.

## Technical Specifications

### Operating Temperature

**-20 °C**

Min Temp

**60 °C**

Max Temp

### Cell Chemistry

Ternary Lithium 18650 (NCM)

## Safety & Protection

### Insurance Coverage

Insured

### Protection Mechanisms

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

## Construction Quality

### Construction Details

- A-grade 18650 (NCM) battery cells
- Fixing bracket for structural stability
- High-efficiency nickel belt
- Low consolidation resistance design
- Rust-resistant components