

Electric Bicycle Lithium-Ion Battery Pack

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



Overview

High-Performance E-Bike Battery Solution

This electric bicycle lithium-ion battery pack is engineered for reliability and longevity, utilizing A-grade ternary lithium 18650 (NCM) cells. It features an advanced, independently developed BMS intelligent management system that provides real-time monitoring and comprehensive protection for every battery cell. Designed for durability, the unit operates efficiently in extreme temperatures ranging from -20°C to 60°C and is fully insured by China Pacific Insurance Company.

Technical Specifications

Cell Chemistry	Ternary Lithium 18650 (NCM)
Cell Grade	A-grade
Operating Temperature	-20°C to 60°C

Safety & Management

Insurance Provider	China Pacific Insurance Company
Safety Protections	Overvoltage Protection, Overcharge Protection, Overdischarge Protection, Overcurrent Protection, Short-circuit Protection, Temperature Protection, Charging Protection
Management System	Independent R&D BMS Intelligent Management System

Construction

Construction Details

- Fixing bracket for stability
- Shaping nickel belt
- Low consolidation resistance
- High conversion rate
- Corrosion-resistant design