

Electric Bicycle Lithium-Ion Battery Pack

This lithium battery pack is designed for electric bicycles. It provides more power, long life, and high quality.



Overview

High-Performance E-Bike Power Solution

This electric bicycle lithium-ion battery pack utilizes high-quality A-grade 21700 (NCM) cells to deliver reliable power with high conversion efficiency. Engineered for durability and longevity, the pack features a robust design with low consolidation resistance to minimize energy loss. An integrated, independently developed BMS intelligent management system ensures safety and optimal performance, providing comprehensive protection against operational risks.

Technical Specifications

Operating Temperature Range

| | |
|----------------------------------|---------------------------------|
| -20 °C Min Temperature | 60 °C Max Temperature |
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Cell Technology

A-grade Ternary Lithium 21700 (NCM)

Safety & Protection

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

BMS Features

BMS Functionality

- Real-time usage monitoring
- Individual battery cell monitoring
- Intelligent battery protection board
- Deep cycle life optimization