

Eco Series Lithium-Ion 60V 40Ah E-Bike Battery | Premium Electric Bike

SKU / Model: Not specified

PRODUCT OVERVIEW

Technical Specifications Battery Type: Lithium-Ion Nominal Voltage: 60V Capacity: 40Ah  
Energy: 2400Wh Charging Voltage: 67.2V (standard for 60V lithium-ion systems) Protection  
System: Integrated Smart BMS Cycle Life: 800 1500+ cycles Mounting Options: Frame-mounted /  
custom enclosure options available

TECHNICAL SPECIFICATIONS

|                                                  |
|--------------------------------------------------|
| Nominal Voltage: 60V                             |
| Capacity: 40Ah                                   |
| Energy: 2400Wh                                   |
| Chemistry: Lithium-Ion                           |
| Cycle Life: 1500+ cycles                         |
| Charging Voltage: 67.2V                          |
| Product Category: E BIKE BATTERY LI-ION NMC PACK |

PRODUCT DESCRIPTION

Eco Series Lithium-Ion 60V 40Ah E-Bike Battery | Premium Electric Bike Battery The Eco Series Lithium-Ion 60V 40Ah E-Bike Battery is a high-capacity performance battery designed for powerful electric bikes and advanced mobility systems. Engineered with premium lithium-ion cells and an intelligent Battery Management System (BMS), this battery ensures stable voltage output, strong acceleration, and long-lasting durability. With a nominal voltage of 60V and a high capacity of 40Ah, this battery delivers approximately 2400Wh of energy making it ideal for long-distance commuting, cargo transport, delivery operations, and high-speed riding applications. The built-in smart BMS continuously monitors voltage, current, and temperature to protect against overcharge, over-discharge, overcurrent, short circuit, and overheating ensuring safe, efficient, and maintenance-free operation. Key Features Nominal Voltage: 60V Capacity: 40Ah Energy Output: 2400Wh Premium-grade lithium-ion cells Intelligent built-in BMS protection Long cycle life (800 1500+ cycles depending on usage) High discharge capability for powerful motors Durable, impact-resistant outer casing Fast charging support Maintenance-free design Benefits Powerful acceleration and torque support Ultra-long riding range per charge Reliable performance for heavy-duty applications Enhanced safety and thermal stability Extended battery service life Applications High-performance electric bicycles Powerful electric scooters 60V e-bike conversion kits Cargo and delivery bikes Fleet and commercial mobility solutions Off-road and hill-climbing e-bikes Why Choose the Eco Series 60V 40Ah E-Bike Battery? The Eco Series 60V 40Ah battery is engineered for riders and commercial users who demand higher voltage performance, extended range, and dependable power delivery. With premium components and advanced safety systems, it ensures smooth acceleration, consistent output, and long-term reliability making

PRODUCT DATASHEET

it an ideal solution for high-demand electric mobility applications.