

Eco Series Lithium-Ion 48V 30Ah E-Bike Battery | Premium Electric Bike

SKU / Model: Not specified

PRODUCT OVERVIEW

Technical Specifications Battery Type: Lithium-Ion Nominal Voltage: 48V Capacity: 30Ah Energy: 1440Wh Charging Voltage: 54.6V (standard for 48V Li-ion systems) Protection System: Integrated Smart BMS Cycle Life: 800 1500+ cycles Mounting Options: Frame-mounted / rear rack configurations available

TECHNICAL SPECIFICATIONS

Nominal Voltage: 48V
Capacity: 30Ah
Energy: 1440Wh
Chemistry: Lithium-Ion
Cycle Life: 1500+ cycles
Charging Voltage: 54.6V
Product Category: E BIKE BATTERY LI-ION NMC PACK

PRODUCT DESCRIPTION

Eco Series Lithium-Ion 48V 30Ah E-Bike Battery | Premium Electric Bike Battery The Eco Series Lithium-Ion 48V 30Ah E-Bike Battery is a high-capacity, performance-driven power solution designed for demanding riders who require extended range and consistent output. Built with premium-grade lithium-ion cells and an advanced Battery Management System (BMS), this battery ensures reliable performance, enhanced safety, and long-term durability. With a nominal voltage of 48V and a large capacity of 30Ah, this battery delivers approximately 1440Wh of energy, making it ideal for long-distance commuting, cargo transport, and commercial delivery applications. The integrated smart BMS provides comprehensive protection against overcharge, over-discharge, overcurrent, short circuit, and temperature fluctuations ensuring safe and stable operation under various riding conditions. Key Features Nominal Voltage: 48V Capacity: 30Ah Energy Output: 1440Wh Premium lithium-ion cells Built-in intelligent BMS protection Long cycle life (800 1500+ cycles depending on usage) High discharge performance for powerful acceleration Durable and lightweight casing Fast charging capability Maintenance-free design Benefits Extended riding distance per charge Reliable power for heavy-load and high-speed applications Improved motor efficiency and performance Long battery lifespan Enhanced operational safety Applications Electric bicycles (E-bikes) Cargo & delivery bikes High-performance electric scooters E-bike conversion kits Personal mobility vehicles Why Choose the Eco Series 48V 30Ah E-Bike Battery? The Eco Series 48V 30Ah battery is engineered for riders who demand higher range, stronger performance, and dependable daily operation. With premium components and advanced safety protection, it provides efficient energy delivery and long-term reliability for both personal and commercial use.

