

Eco Series Lithium-Ion 48V 25Ah E-Bike Battery | Premium Electric Bike

SKU / Model: Not specified

PRODUCT OVERVIEW

Technical Specifications Battery Type: Lithium-Ion Nominal Voltage: 48V Capacity: 25Ah
Energy: 1200Wh 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 type (custom options available)

TECHNICAL SPECIFICATIONS

Nominal Voltage: 48V
Capacity: 25Ah
Energy: 1200Wh
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 25Ah E-Bike Battery | Premium Electric Bike Battery The Eco Series Lithium-Ion 48V 25Ah E-Bike Battery is a high-capacity power solution engineered for riders who demand longer range, strong acceleration, and reliable daily performance. Built with premium lithium-ion cells and an advanced Battery Management System (BMS), this battery ensures safe, efficient, and consistent energy delivery. With a nominal voltage of 48V and a high capacity of 25Ah, this battery provides approximately 1200Wh of energy, allowing for extended riding distances on a single charge. It is ideal for commuters, delivery riders, and high-performance electric bike users. The integrated smart BMS continuously monitors battery health and protects against overcharge, over-discharge, overcurrent, short circuit, and temperature fluctuations ensuring maximum safety and long service life. Key Features
Nominal Voltage: 48V Capacity: 25Ah Energy Output: 1200Wh High-quality lithium-ion cells
Built-in intelligent BMS protection Long cycle life (800 1500+ cycles depending on usage)
Stable and powerful discharge performance Lightweight yet durable outer casing Fast and efficient charging Low maintenance operation Benefits Extended travel range per charge
Reliable power for high-demand riding Enhanced motor efficiency and acceleration
Long-lasting battery performance Improved safety and thermal protection Applications
Electric bicycles (E-bikes) Delivery & cargo bikes Electric scooters E-bike conversion kits
Personal mobility vehicles