

Fox Lithium-Ion 60V 60Ah Electric Bike Battery | Long-Range, High-Per

SKU / Model: Not specified

PRODUCT OVERVIEW

Specification Details Product Name Fox Lithium-Ion 60V 60Ah Electric Bike Battery Battery Chemistry Lithium-Ion / NMC Nominal Voltage 60V Class Battery Capacity 60Ah Configuration Application-specific Battery Energy Approximately 3.6kWh* Battery Type Rechargeable Lithium-Ion BMS High-current Li-ion BMS (smart bms optional) Charging Method CC/CV Recommended Charger Compatible Li-ion charger Application E-Bike, E-Scooter, EV & Custom Projects Battery Enclosure Customizable Connector Customizable Wiring Customizable Rechargeable Yes

TECHNICAL SPECIFICATIONS

Nominal Voltage: 60V
Capacity: 60Ah
Energy: 3.6kWh
Chemistry: Lithium-Ion
Product Category: E BIKE BATTERY LI-ION NMC PACK

PRODUCT DESCRIPTION

Fox Lithium-Ion 60V 60Ah Electric Bike Battery | Long-Range, High-Performance E-Bike Power Pack The Fox Lithium-Ion 60V 60Ah Electric Bike Battery is a high-capacity rechargeable battery pack designed for electric bikes, electric scooters, high-power EVs, and custom electric mobility applications. It is designed to provide a combination of high energy capacity, reliable power delivery, and extended operating range. With a 60Ah capacity, this battery stores a substantial amount of energy compared with standard e-bike battery packs, making it suitable for riders and applications requiring longer operating time between charges. High-Capacity 60Ah Battery The 60Ah capacity makes this Fox battery suitable for applications where extended battery operation is important. Compared with lower-capacity e-bike batteries, a 60Ah pack can provide considerably more stored energy. Actual riding range depends on several factors, including: Motor power Controller current Rider and vehicle weight Riding speed Road conditions Terrain and slopes Tire pressure Acceleration pattern Temperature Battery age and condition Therefore, actual range should be determined according to the complete vehicle configuration rather than battery capacity alone. Long-Range E-Bike Power Pack A high-capacity battery is particularly useful for long-distance commuting, delivery vehicles, commercial e-bikes, utility vehicles, and high-power electric mobility projects. The battery can be configured according to the required vehicle space, controller specifications and BMS requirements. Battery Management System (BMS) A suitable lithium-ion BMS helps monitor and protect the battery during charging and discharging. Depending on the selected BMS, protection functions can include: Overcharge protection Over-discharge protection Over-current protection Short-circuit

PRODUCT DATASHEET

protection Cell voltage monitoring Cell balancing Temperature monitoring The BMS current rating should be selected according to the motor controller's continuous and peak current requirements. Charging The correct charger must be selected according to the actual series configuration and maximum charging voltage of the battery pack. The charger should use the appropriate CC/CV charging profile for the battery chemistry. Do not select a charger based only on the advertised "60V" label. The exact battery configuration and maximum charge voltage should always be confirmed before charging. Suitable Applications The Fox 60V 60Ah lithium battery can be suitable for: Electric Bikes High-Power E-Bikes Electric Scooters Electric Motorcycles Delivery E-Bikes Commercial EVs Utility Vehicles Custom EV Projects Industrial Electric Vehicles Long-Range Electric Mobility Systems Custom Battery Options LionBattery can manufacture/customize battery packs according to application requirements, including: Voltage and capacity Cell configuration BMS current rating Smart BMS CAN/RS485 communication Charging port Discharge connector Wire gauge and cable length Battery dimensions Battery enclosure Mounting points Connector type Custom pack design Why Choose the Fox 60V 60Ah Battery? 60Ah high-capacity battery Designed for long-range applications Suitable for high-power electric mobility Rechargeable lithium-ion technology BMS protection Custom configuration options Custom connectors and wiring Suitable for e-bike and EV applications Professional battery-pack assembly