

LionBattery 36V 12Ah LiFePO4 Battery | Long-Life Lithium Battery for E-Bikes

SKU / Model: Not specified

PRODUCT OVERVIEW

Specification Details Brand LionBattery Battery Type LiFePO4 (Lithium Iron Phosphate)

Nominal Voltage 36V (38.4V nominal) Capacity 12Ah Energy ~432 Wh Configuration 12S Max

Continuous Discharge 20 25A Peak Discharge Up to 40A Charging Voltage 43.8V BMS Inbuilt

Smart BMS Cycle Life 3000+ cycles Weight Approx. 4.5 5.5 kg Dimensions (L×W×H) Approx. 250 × 150 ×100 mm Enclosure Heavy-Duty Plastic / Metal (optional)

TECHNICAL SPECIFICATIONS

Nominal Voltage: 36V
Capacity: 12Ah
Energy: 432 Wh
Chemistry: lead-acid
Maximum / BMS Current: 25A
Cycle Life: 3000+ cycles
Charging Voltage: 43.8V
Product Category: E BIKE BATTERY LIFEPO4 PACK

PRODUCT DESCRIPTION

LionBattery 36V 12Ah LiFePO4 Battery Long-Life Lithium Battery for E-Bikes The LionBattery

36V 12Ah LiFePO4 Battery is a powerful, safe, and long-life lithium battery designed for 36V

electric bikes, e-scooters, mobility vehicles, and light EV applications. Built using

Lithium Iron Phosphate (LiFePO4) technology, this battery delivers excellent thermal

stability, consistent voltage, and extended cycle life, making it a reliable upgrade over

lead-acid and conventional lithium batteries. An inbuilt smart BMS ensures complete

protection and balanced performance during charging and discharging. Key Features ? LiFePO4

chemistry extremely safe & stable ? 3000+ charge cycles long service life ? Higher

capacity (12Ah) longer riding range ? Built-in smart BMS with full protections ? Fast

charging & high efficiency ? Lightweight & maintenance-free ? Ideal lead-acid replacement

Applications 36V Electric Bikes Electric Scooters Delivery & fleet EVs Mobility scooters &

wheelchairs DIY EV & battery projects Solar & DC backup systems Why Choose LionBattery

LiFePO4? Much safer than NMC lithium batteries 3 4×longer life than lead-acid Faster

charging & better efficiency Lower cost per cycle Eco-friendly & maintenance-free