

Hero optima E- bike liFepO4 51.2V 30Ah battery pack

SKU / Model: Not specified

PRODUCT OVERVIEW

Specification Details Battery Type LiFePO4 Cell (Lithium Iron Phosphate) Nominal Voltage 51.2V Capacity 30Ah Configuration 16S2P Energy ~1536 Wh Continuous Discharge 40A Balancer 16S 2 Amps Balancer Charging Voltage 58.4V Charger Type LiFePO4 Smart Charger Cycle Life 3000+ cycles BMS Inbuilt Smart Protection BMS Weight Approx. 12 kg Dimensions (L×W×H) Approx. 330 ×200×160 mm Battery Box Metal / Heavy-Duty Plastic Compatibility Hero Optima E-Bike

TECHNICAL SPECIFICATIONS

Nominal Voltage: 51.2V
Capacity: 30Ah
Energy: 1536 Wh
Chemistry: liFepO4
Maximum / BMS Current: 40A
Cycle Life: 3000+ cycles
Charging Voltage: 58.4V
Product Category: E BIKE BATTERY LIFEPO4 PACK

PRODUCT DESCRIPTION

Hero optima E- bike liFepO4 51.2V 30Ah battery pack The LiFePO4 51.2V 30Ah Battery Pack is a high-quality replacement and upgrade battery specially designed for Hero Optima E-Bikes& hero electric Bike. Built with with Smart BMS and inbuilt 16S 2Amps Neey Active Balancer will increase performance and life of battery.Lithium Iron Phosphate (LFP) cells, this battery delivers superior safety, long cycle life, and consistent power output, making it ideal for daily commuting and commercial EV use. Compared to lead-acid batteries, this LiFePO4 pack offers lighter weight, faster charging, longer lifespan, and lower running cost per kilometer. ? Key Features ? LiFePO4 Chemistry Extremely safe & thermally stable ? 3000+ Cycles Life 5 8 years typical usage ? Stable 51.2V Power Output Smooth acceleration & range ? Inbuilt Smart BMS Cell balancing & full protection ? Perfect Fit for Hero Optima E-Bike ? Direct Replacement for Lead-Acid Battery ? Applications ? Hero Optima Electric Scooter ? 48V E-Bikes ? Delivery & Fleet EVs ? Lead-acid to lithium conversion ? EV repair & upgrade projects ? Why Upgrade Hero Optima and Hero electric Battery to LiFePO4? ? Higher safety than NMC lithium ? 3 4×longer life than lead-acid ? Faster charging & higher efficiency ? Lower long-term maintenance cost ? Eco-friendly & reliable Warranty : 3(1+2) Years with 30% YoY degradation.