

Power pack LiFePo4 16S 51.2V 60Ah 16S10P 3C with BMS 180A Discharge

SKU / Model: Not specified

PRODUCT OVERVIEW

Technical Specifications Battery Chemistry: Lithium Iron Phosphate (LiFePO4 / LFP)
Configuration: 16S10P Nominal Voltage: 51.2V Rated Capacity: 60Ah Rated Energy: 3072Wh
(3.07kWh) Max Continuous Discharge Current: 40A Discharge Rate: 3C Charging Voltage: 58.4V
(Standard for 16S LiFePO4) BMS Protection: Overcharge Protection Over-discharge Protection
Overcurrent Protection Short Circuit Protection Temperature Protection

TECHNICAL SPECIFICATIONS

Nominal Voltage: 51.2V
Capacity: 60Ah
Energy: 3072Wh
Chemistry: LiFePo4
Maximum / BMS Current: 180A
Cycle Life: 2000+ cycles
Charging Voltage: 58.4V
Product Category: 16 Cell 51.2v LiFePo4 (LFP) Battery Pack (48V-55.5)

PRODUCT DESCRIPTION

Power pack LiFePo4 16S 51.2V 60Ah 16S10P 3C with BMS 180A Discharge LFP Battery pack The 51.2V 60Ah LiFePO4 Battery Pack (16S10P configuration) is a high-capacity, heavy-duty lithium power solution designed for demanding high-current applications. Built with 16 cells in series and 10 in parallel (16S10P), this battery delivers a stable 51.2V nominal voltage with enhanced current capability and long service life. With a 3C high discharge rate and integrated 40A Smart BMS, this LFP battery pack ensures safe, stable, and powerful energy delivery for electric vehicles, solar storage systems, and industrial equipment. Key Features Configuration: 16S10P Nominal Voltage: 51.2V Capacity: 60Ah Energy Output: 3072Wh (3.07kWh) 3C High Discharge Capability Max Continuous Discharge: 40A Integrated 40A BMS Long Cycle Life: 2000+ cycles Heavy-Duty & Durable Construction High-Safety LiFePO4 Chemistry Ideal Applications High-power electric scooters & motorcycles Light electric vehicles (LEV) Solar energy storage systems Industrial backup power systems Robotics & automation equipment Off-grid and hybrid energy systems Advantages of LiFePO4 Technology Excellent thermal and chemical stability Longer lifespan than conventional lithium-ion batteries High discharge performance (3C up to 40A) Stable voltage output under heavy load Safer chemistry compared to NMC batteries Low maintenance and high reliability Package Includes 51.2V 60Ah LiFePO4 Battery Pack (16S10P) Integrated 40A BMS User Manual Powerful & Reliable Energy Solution Built using premium-grade LiFePO4 cells and protected by a robust 40A Battery Management System (BMS), ensuring maximum safety, performance stability, and long operational life even in high-load applications.

