

Power Pack LiFePO4 48V 150Ah 15S1P 1C with 50A BMS Discharge Pr

SKU / Model: Not specified

PRODUCT OVERVIEW

Specification Details Battery Chemistry LiFePO4 (Lithium Iron Phosphate) Cell Type Prismatic Configuration 15S1P Nominal Voltage 48V Nominal Capacity 150Ah Energy 7.2kWh Continuous Discharge Current 50A Peak Discharge Current 100A (Short Duration) Discharge Rate 1C Standard Charge Voltage 54.75V Recommended Charge Current Up to 50A Battery Management System Smart 50A BMS Protection Features Overcharge, Over-discharge, Overcurrent, Short Circuit, Temperature & Cell Balancing Cycle Life Up to 4000+ Cycles* Operating Temperature Charge: 0°C to 45°C, Discharge: -20°C to 60°C

TECHNICAL SPECIFICATIONS

Nominal Voltage: 48V
Capacity: 150Ah
Energy: 7.2kWh
Chemistry: LFP
Maximum / BMS Current: 50A
Cycle Life: 4000+ Cycles
Charging Voltage: 54.75V
Product Category: 15 Cell 48 LiFePo4 (LFP) Battery Pack (48V-55.5)

PRODUCT DESCRIPTION

Power Pack LiFePO4 48V 150Ah 15S1P 1C with 50A BMS Discharge Prismatic LFP Battery Pack High-Capacity 48V 150Ah LiFePO4 Prismatic Battery Pack for Solar, Inverter & Energy Storage Applications The Power Pack LiFePO4 48V 150Ah 15S1P 1C with 50A BMS Discharge Prismatic LFP Battery Pack from Lion Battery is a premium lithium battery engineered for reliable energy storage, long service life, and maximum safety. Built with 15 high-quality 150Ah LiFePO4 prismatic cells (15S1P configuration) and an advanced 50A Smart Battery Management System (BMS), this battery pack delivers consistent performance for residential, commercial, and industrial applications. Designed for solar energy storage, home and commercial inverter systems, UPS backup, telecom, off-grid power systems, and industrial energy storage, this battery provides dependable power with minimal maintenance. Key Features Premium Grade LiFePO4 Prismatic Cells 15S1P Battery Configuration Nominal Voltage: 48V Capacity: 150Ah Energy: 7.2kWh Continuous Discharge Current: 50A 1C Discharge Performance Built-in Smart 50A BMS Long Cycle Life (Up to 4000+ Cycles*) High Energy Density Fast Charging Support Excellent Thermal Stability Low Self-Discharge Maintenance-Free Design Eco-Friendly Lithium Technology Applications Solar Energy Storage Systems (ESS) Home Inverter Backup Commercial Inverter Systems UPS Backup Systems Telecom Backup Power Off-Grid Solar Systems Industrial Energy Storage Portable Power Stations Agricultural Solar Pumps Security & Surveillance Backup Renewable Energy Projects Why Choose Lion Battery? Premium Grade LiFePO4 Prismatic

PRODUCT DATASHEET

Cells Advanced Smart 50A BMS Precision Battery Pack Assembly Strict Quality Testing OEM & ODM Manufacturing Custom Battery Pack Solutions Long Service Life Technical Support Bulk Supply Available Fast Delivery Across India Package Includes 48V 150Ah LiFePO4 Prismatic Battery Pack Built-in Smart 50A BMS Output Cable Set (Optional) User Manual