

Power Pack LiFePO4 3S 9.6V 150Ah Prismatic LFP Battery Pack

SKU / Model: Not specified

PRODUCT OVERVIEW

Specification Details Product Name Power Pack LiFePO4 3S 9.6V 150Ah Prismatic LFP Battery Pack Battery Chemistry Lithium Iron Phosphate (LFP) Cell Type Prismatic Configuration 3S1P Number of Cells 3 Cell Capacity 150Ah per cell Nominal Cell Voltage 3.2V Nominal Pack Voltage 9.6V Maximum Charging Voltage 10.8V at 3.6V per cell Rated Capacity 150Ah / 150,000mAh Nominal Energy 1,440Wh / 1.44kWh BMS Optional or to be confirmed Charging Method CC/CV with a compatible LiFePO4 charger Dimensions To be confirmed based on cell model and enclosure Weight To be confirmed based on cell model and enclosure Connector Type Customized according to application Brand Lion Battery

TECHNICAL SPECIFICATIONS

Nominal Voltage: 9.6V
Capacity: 150Ah
Energy: 440Wh
Chemistry: LFP
Charging Voltage: 10.8V
Product Category: 3 Cell 9V LiFePo4 (LFP) Battery Pack (9.6V-10.65V)

PRODUCT DESCRIPTION

Power Pack LiFePO4 3S 9.6V 150Ah Prismatic LFP Battery Pack The Power Pack LiFePO4 3S 9.6V 150Ah Prismatic LFP Battery Pack is a rechargeable lithium iron phosphate battery designed for low-voltage energy storage, backup power, and customized industrial applications. With a nominal voltage of 9.6V and a capacity of 150Ah, this battery delivers approximately 1,440Wh (1.44kWh) of nominal energy. The pack uses three 150Ah LiFePO4 prismatic cells connected in series (3S1P). A compatible 3S LiFePO4 Battery Management System (BMS) can be included according to the required charging and discharge current. Key Features Battery Chemistry: LiFePO4 (Lithium Iron Phosphate) Nominal Voltage: 9.6V Capacity: 150Ah / 150,000mAh Energy Capacity: 1,440Wh Configuration: 3S1P Cell Type: Prismatic LFP cells Rechargeable battery design Long service life potential with correct charging and operation Optional BMS and customized wiring Suitable for low-voltage power and energy storage projects Battery Configuration 3S1P: Three 150Ah cells connected in series. Nominal voltage: 3 ×3.2V = 9.6V. Capacity: 150Ah. Energy: 9.6V ×150Ah = 1,440Wh. BMS Protection A compatible 3S LiFePO4 BMS is recommended for cell balancing and protection against overcharge, over-discharge, overcurrent, and short circuits. Select the BMS current rating according to the actual load, charging current, and cell specifications. Applications Low-voltage energy storage systems Backup power applications Industrial DC equipment Custom portable power systems Electronics and DC power projects Special-purpose battery installations Package Includes 3S 9.6V 150Ah prismatic LiFePO4 battery pack BMS, if included in the selected configuration Power cables

PRODUCT DATASHEET

and connectors as specified in the order