

Power pack LiFePo4 4S 12.8V 165000mAh 4S11P 3C with BMS 495A Di

SKU / Model: Not specified

PRODUCT OVERVIEW

Specification Category Details Product Name Power Pack LiFePO4 4S 12.8V 165000mAh (165Ah) with BMS Configuration 4S11P Chemistry Type LiFePO4 (Lithium Iron Phosphate) Nominal Voltage 12.8V Nominal Capacity 165Ah / 165,000mAh Energy (Wh) ~2112 Wh Battery Management System (BMS) 100A BMS High-Discharge (Smart BMS OPTINAL) Maximum Continuous Discharge 100A Peak Surge Discharge 250A (Short Duration) Recommended Charging Current 30A 70A Maximum Charging Voltage 14.6V Cycle Life 3000+ Cycles Self-Discharge Rate <3% per month Discharge Temperature Range -20°C to +60°C Charging Temperature Range 0°C to +45°C Storage Temperature -10°C to +45°C Enclosure Type PVC / ABS / Metal Housing (Customizable) Connector Options XT90 / Anderson / Copper Lugs (Optional) Approx. Dimensions (L xW xH) 350mm x240mm x 200mm Estimated Weight Range 21 kg 26 kg

TECHNICAL SPECIFICATIONS

Nominal Voltage: 12.8V
Capacity: 165000mAh
Energy: 2112 Wh
Chemistry: LiFePo4
Maximum / BMS Current: 495A
Cycle Life: 3000+ Cycles
Charging Voltage: 14.6V
Product Category: 4 Cell 12V LiFePo4 (LFP) Battery Pack (12.8V-14.6V)

PRODUCT DESCRIPTION

Power Pack LiFePO4 4S 12.8V 165000mAh (165Ah) 4S11P 3C with BMS 495A Discharge LFP Battery Pack The 12.8V 165000mAh LiFePO4 battery pack is engineered for high-demand power storage and delivery applications. Built with high-grade LiFePO4 cells and an intelligent 100A BMS, this battery provides extremely high discharge capabilities while maintaining long service life and thermal safety. This pack is ideal for solar storage systems, heavy inverter loads, RV electrical platforms, marine systems, electric vehicles, deep cycle backup, robotics, telecom backup, and industrial automation. Key Highlights Massive Capacity: 165000mAh (165Ah) High-Discharge BMS 100A Continuous Output Multilevel Protection: Overcharge, short-circuit, temperature control & balancing LiFePO4 chemistry ensures exceptional safety Lifecycle: 3000+ cycles Supports high surge and high continuous loads Customizable connectors, casing, and wiring Why Choose This Battery Pack? ? Long Cycle Life up to 3000+ charge cycles ? Stable Discharge Curve for consistent performance even under heavy load ? High Power Output suitable for large inverters (1kW 10kW) ? Lightweight compared to equivalent lead-acid systems ? Environmentally safer chemistry with zero maintenance ? Expandable can be connected in series or parallel for larger systems Compatible

LION BATTERY

PRODUCT DATASHEET

Applications Application Type Suitability Solar Energy Storage ? Excellent Home & Industrial
UPS ? Excellent Inverters (1kW 7kW) ? Compatible RV / Caravan / Campervan ? Ideal Marine /
Fishing Boat Power ? Salt-proof options available EV / Golf Cart / E-Trike ? Supported
Robotics / Industry ? High current ready Power Stations / Backup Power ? Best Fit