

Power pack LiFePo4 4S 12.8V 15000mAh 4S1P 3C with BMS 45A Disch

SKU / Model: Not specified

PRODUCT OVERVIEW

Parameter Value Battery Type LiFePO4 (Lithium Iron Phosphate) Configuration 4S1P Nominal Voltage 12.8V Capacity 15000mAh (15Ah) Energy Rating ~192Wh Continuous Discharge Current 10A Peak Discharge 30A (Depending on BMS) Charging Voltage 14.4V 14.6V Recommended Charging Current 5A 10A Cycle Life 4000 cycles Operating Temp 20°C to +60°C Storage Temp 10°C to +45°C Protection BMS (Short Circuit, OVP, UVP, Balancing, OCP)(SMART BMS OPTINAL) Dimensions ? 140mm ×70mm ×65mm Weight ? 950g 1150g (Depending on casin

TECHNICAL SPECIFICATIONS

Nominal Voltage: 12.8V
Capacity: 15000mAh
Energy: 192Wh
Chemistry: LiFePo4
Maximum / BMS Current: 45A
Cycle Life: 4000 cycles
Charging Voltage: 14.4V
Product Category: 4 Cell 12V LiFePo4 (LFP) Battery Pack (12.8V-14.6V)

PRODUCT DESCRIPTION

Power pack LiFePo4 4S 12.8V 15000mAh 4S1P 3C with BMS 45A Discharge LFP Battery pack The 12.8V 15000mAh LiFePO4 Battery Pack is a premium-grade rechargeable energy solution built for high-power and deep cycle applications. Using advanced Lithium Iron Phosphate (LiFePO4) cells, this pack offers superior stability, long lifespan, and excellent discharge efficiency. It comes equipped with a 10A high-performance BMS (Battery Management System) that ensures overcharge, over-discharge, short circuit, and thermal protection, making it safe for demanding power applications such as solar storage, portable power systems, e-bikes, robotics, UPS backup, and industrial electronics. 12.8V 15000mAh LiFePO4 Battery Key Features Stable Nominal Voltage of 12.8V suitable for 12V systems High Current Output up to 10A Continuous Long Life Up To 2000 4000 Charge Cycles Fast charging support & minimal voltage drop under load Lightweight alternative to lead-acid batteries Safe chemistry with no thermal runaway risk Applications Perfect for: Solar Power Storage & Off-Grid Systems UPS / Home Inverter Backup Electric Scooter / Robotics / DIY Energy Systems Power Tools & Portable Power Units CCTV, Modem & Networking Backup Camping, Hiking & Emergency Power Solutions Safety Notes Use only a LiFePO4-compatible charger Avoid puncturing or exposing to extreme heat Store partially charged (40 60%) if unused for long periods Do not reverse polarity connections