

12V 120Ah LiFePO4 Inverter Battery | 12.8V Rechargeable Lithium Batt

SKU / Model: Not specified

PRODUCT OVERVIEW

Feature Details Battery Type LiFePO4 (Lithium Iron Phosphate) Nominal Voltage 12.8V Capacity 120Ah Energy 1536 Wh Cycle Life 4000+ Cycles Built-in BMS Yes Maintenance Maintenance-Free Applications Inverter, Solar, UPS, RV, Marine

TECHNICAL SPECIFICATIONS

Nominal Voltage: 12V
Capacity: 120Ah
Energy: 1536 Wh
Chemistry: lead-acid
Cycle Life: 4000+ Cycles
Product Category: HOME INVERTER BATTERIES

PRODUCT DESCRIPTION

12V 120Ah LiFePO4 Inverter Battery | 12.8V Rechargeable Lithium Battery The 12V 120Ah LiFePO4 Inverter Battery is a high-capacity, long-life energy storage solution designed for heavy-duty power backup and renewable energy systems. With a stable 12.8V output and advanced Lithium Iron Phosphate (LiFePO4) chemistry, this rechargeable lithium battery delivers consistent performance, enhanced safety, and superior efficiency compared to traditional lead-acid batteries. Equipped with a smart built-in Battery Management System (BMS), it provides complete protection against over-charging, over-discharging, short-circuit, over-current, and temperature fluctuations ensuring reliable and worry-free operation. ? Key Features High Capacity: 120Ah for longer backup and higher load support Long Cycle Life: 4000+ charge/discharge cycles Smart BMS Protection: Advanced safety and performance control Fast Charging: Reduced charging time for maximum uptime Lightweight & Compact: Much lighter than lead-acid alternatives Maintenance-Free: No water topping, no acid leakage Eco-Friendly & Safe: Stable and non-toxic battery chemistry ? Applications Home inverter and power backup systems Solar rooftop and off-grid solar installations UPS and emergency power backup RVs, camper vans, and caravans Marine boats and yachts Off-grid homes and remote locations Telecom, CCTV, and networking equipment Outdoor, camping, and portable power solutions ? Performance Benefits Delivers consistent 12.8V output even at high load conditions Supports deep discharge up to 100% without affecting battery life High energy efficiency ensures more usable backup time Low self-discharge rate, ideal for long storage and standby use