

12V 200Ah 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 200Ah Energy 2560 Wh Cycle Life 4000+ Cycles Built-in BMS Yes Maintenance Maintenance-Free Applications Inverter, Solar, UPS, RV, Marine

TECHNICAL SPECIFICATIONS

Nominal Voltage: 12V
Capacity: 200Ah
Energy: 2560 Wh
Chemistry: lead-acid
Cycle Life: 4000+ Cycles
Product Category: HOME INVERTER BATTERIES

PRODUCT DESCRIPTION

12V 200Ah LiFePO4 Inverter Battery | 12.8V Rechargeable Lithium Battery The 12V 200Ah LiFePO4 Inverter Battery is a heavy-duty energy storage solution designed for maximum backup time and high-load power requirements. With a stable 12.8V output and advanced Lithium Iron Phosphate (LiFePO4) chemistry, this rechargeable lithium battery delivers superior efficiency, faster charging, and exceptional durability compared to traditional lead-acid batteries. Integrated with a smart Battery Management System (BMS), the battery provides complete protection against over-charging, over-discharging, short-circuit, over-current, and temperature extremes ensuring safe, reliable, and long-term performance. ? Key Features Ultra-High Capacity: 200Ah for extended backup duration Long Cycle Life: 4000+ charge/discharge cycles Smart BMS Protection: Advanced safety and performance control Fast Charging: Reduced charging time and higher efficiency Lightweight vs Lead-Acid: Easy handling and installation Maintenance-Free: No water topping or acid fumes Eco-Friendly & Safe: Stable, non-toxic LiFePO4 chemistry ? Applications Home inverter and whole-house backup systems Solar rooftop, hybrid & off-grid solar installations UPS and emergency power backup Commercial and industrial backup power RVs, camper vans, and caravans Marine boats, yachts, and onboard electrical systems Off-grid homes, farmhouses, and remote locations Telecom, CCTV, and networking equipment Outdoor, camping, and portable power systems ? Performance & Reliability Highlights Stable voltage output even under heavy load Deep discharge capability with minimal capacity loss Low self-discharge for long standby storage Consistent performance across wide operating conditions