

24V 100Ah LiFePO4 Inverter Battery 25.6V Rechargeable Lithium Batt

SKU / Model: Not specified

PRODUCT OVERVIEW

Feature Details Battery Type LiFePO4 (Lithium Iron Phosphate) Nominal Voltage 25.6V Capacity 100Ah Energy 2560 Wh Cycle Life 4000+ Cycles Built-in BMS Yes Maintenance Maintenance-Free Applications Inverter, Solar, UPS, Telecom

TECHNICAL SPECIFICATIONS

Nominal Voltage: 24V
Capacity: 100Ah
Energy: 2560 Wh
Chemistry: lead-acid
Cycle Life: 4000+ Cycles
Product Category: HOME INVERTER BATTERIES

PRODUCT DESCRIPTION

24V 100Ah LiFePO4 Inverter Battery 25.6V Rechargeable Lithium Battery The 24V 100Ah LiFePO4 Inverter Battery is a heavy-duty, long-life energy storage solution designed for high-load inverter and solar power systems. Delivering a stable 25.6V output, this rechargeable lithium battery provides superior efficiency, faster charging, and a much longer lifespan compared to traditional lead-acid batteries. Built using advanced Lithium Iron Phosphate (LiFePO4) cells and equipped with a smart Battery Management System (BMS), it ensures maximum safety, consistent power delivery, and reliable performance for continuous and backup power applications. ? Key Features High Capacity: 100Ah for long backup and high-load support Long Cycle Life: 4000+ charge/discharge cycles Smart BMS Protection: Over-charge, over-discharge, short-circuit, over-current & temperature protection Fast Charging: Saves time and improves efficiency Lightweight Design: Much lighter than lead-acid batteries Maintenance-Free: No water topping or acid leakage Eco-Friendly & Safe: Stable, non-toxic LiFePO4 chemistry ? Applications Home & commercial inverter backup systems Solar power storage (on-grid, off-grid & hybrid systems) UPS and emergency power backup Telecom and networking equipment CCTV and surveillance systems Portable power stations Industrial control panels Remote, outdoor & off-grid power solutions ? Performance Highlights Stable 25.6V output under heavy and continuous load Deep discharge capability without reducing battery life Low self-discharge for long standby use High energy efficiency for maximum usable power ? Eco-Friendly & Cost-Effective Non-toxic and recyclable LiFePO4 chemistry Long lifespan reduces replacement cost No harmful gas emissions Supports clean and renewable energy systems