

24V 18Ah LiFePO4 Inverter Battery 12.8V Rechargeable Lithium Batterie

SKU / Model: Not specified

PRODUCT OVERVIEW

Feature Details Battery Type LiFePO4 (Lithium Iron Phosphate) Nominal Voltage 25.6V Capacity 18Ah Energy 460.8 Wh Cycle Life 4000+ Cycles Built-in BMS Yes Maintenance Maintenance-Free Applications Inverter, Solar, UPS, Telecom

TECHNICAL SPECIFICATIONS

Nominal Voltage: 24V
Capacity: 18Ah
Energy: 460.8 Wh
Chemistry: lead-acid
Cycle Life: 4000+ Cycles
Product Category: HOME INVERTER BATTERIES

PRODUCT DESCRIPTION

24V 18Ah LiFePO4 Inverter Battery 12.8V Rechargeable Lithium Battery The 24V 18Ah LiFePO4 Inverter Battery is a compact and high-performance energy storage solution designed for small to medium power backup needs. With a stable 25.6V output, this rechargeable lithium battery delivers efficient power, faster charging, and longer lifespan compared to traditional lead-acid batteries. Featuring advanced Lithium Iron Phosphate (LiFePO4) chemistry and a built-in Battery Management System (BMS), it ensures safe operation and consistent performance across various applications. ? Key Features Compact Capacity: 18Ah for small to medium backup systems Long Cycle Life: 4000+ charge/discharge cycles Smart BMS Protection: Overcharge, over-discharge, short circuit & temperature protection Fast Charging: Quick recharge for less downtime Lightweight & Portable: Easy to install and move Maintenance-Free: No water topping or acid leakage Safe & Eco-Friendly: Stable LiFePO4 chemistry ? Applications Small inverter backup systems Solar energy storage (small systems) UPS and emergency backup Telecom and networking equipment CCTV and security systems Portable power stations Industrial control panels Outdoor and camping power needs ? Performance Highlights Stable 25.6V output even under heavy load Deep discharge capability without reducing battery life Low self-discharge for long standby use Reliable performance in continuous use ? Benefits Stable Power Output: Maintains consistent voltage even under heavy load Long-lasting: Up to 4000+ cycles (much longer than lead-acid) Quick Charging: Charges faster than traditional batteries Lightweight & Portable: Easy to carry and install Maintenance-Free: No need for water topping or battery servicing Safer Chemistry: LiFePO4 is stable, non-toxic, and fire-resistant