

48V Rack Mountable LiFePO4 Battery Module

This rack mountable LiFePO4 battery module provides high safety and power density. It supports parallel configurations and features a BMS battery management system for efficient operation.



ADDITIONAL IMAGES



Overview

High-Performance Energy Storage

This 48V rack-mountable LiFePO4 battery module is designed for reliable power backup and energy storage in demanding environments. Featuring a modular design, it supports parallel expansion to scale capacity as needed. Integrated with a smart Battery Management System (BMS) and multiple communication ports (RS232/RS485/CAN), it ensures safe, efficient, and intelligent operation for critical systems.

Key Features

Key Features	Rack-mountable, Modular Design, BMS Included, Parallel Support, RS232/RS485/CAN, High Power Density
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Technical Specifications

Technical Parameters

Parameter	A4850	A48100
Capacity	48V 50Ah	48V 100Ah
Charging Voltage Max	56.8V	54.75V
Discharge End Voltage	44.0V	37.5-42.0V
Max Continuous Current	50A	100A
Weight	22kg	48kg

Cycle Life	3000 cycles
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Applications

Typical Applications

- UPS Systems
- Communication Systems
- Base Station Power Supply