

Lithium Iron Phosphate Battery Module for Telecommunications

This lithium iron phosphate battery module is designed for telecommunication applications. Featuring a 48V 50Ah battery capacity, it ensures a reliable and efficient power supply for critical systems.



ADDITIONAL IMAGES



Overview

High-Performance Telecom Power Solution

This Lithium Iron Phosphate (LiFePO4) battery module is engineered specifically for reliable telecommunications power backup. Featuring advanced battery management systems, it offers high-precision voltage and current detection to ensure optimal performance and safety. The modular design is built to standard rack requirements, facilitating easy installation and scalability for various off-grid or backup power applications.

Technical Specifications

Safety Protections

- Over-voltage protection
- Low-voltage/Under-voltage protection
- Over-current protection
- High/Low temperature protection
- Short circuit protection

Nominal Voltage	48 V
Nominal Capacity	50 Ah
Communication Ports	RS232, RS485, CAN, SMBUS V2.0

Performance Metrics

Key Performance Metrics

25 mV/cell

Voltage Detection Precision

5 channels

Temperature Detection Channels

System Features

Smart Management Capabilities

- Balanced battery management
- Automatic capacity learning (FCC)
- History storage via EEPROM
- LED capacity display
- Buzzer fault alarm