

Lithium Iron Phosphate (LiFePO4) Battery

HJ-LFP48100

Application

It was suitable for power supply such as small capacity access network devices, remote exchange bureaus, and mobile communication devices, transmission devices, and microwave communication devices.

It can be widely used in telecommunications fields such as macro base stations, transmission stations, indoor distribution stations, integrated base stations, border stations, microcell stations, outdoor MINI stations, WLAN equipment, remote radio frequency, distributed power supply, etc.



High Energy Density

Delivers strong energy output in a compact design, maximizing energy efficiency while saving space.



Eco-Friendly

It has integration, miniaturization, light weight, intelligence, standardization, and environmental protection.



Fast Charging Capability

Supports rapid charging, reducing downtime and ensuring continuous power availability.

Description

The HJ-LFP48100 is a high-performance 48V 100AH Lithium Iron Phosphate (LiFePO₄) battery designed for various applications, including renewable energy storage, backup power, and industrial usage. This battery offers superior energy density, long cycle life, and enhanced safety features, making it an ideal choice for systems requiring efficient and reliable energy storage

Technical Specification

| Product Number | HJ-LFP48100 |
|----------------------------------|-------------------|
| Nominal Voltage | 48V |
| Nominal Capacity | 100Ah |
| Charge Voltage | 54.7V |
| Discharge Cut-off Voltage | 37.5V |
| Suggested Charge Current | 50A |
| Life Cycle at Normal Temperature | 2000 times |
| Communication Mod | RS485ICAN |
| Charge Temperature | 0-45°C |
| Discharge Temperature | 20-60°C |
| Model of the Interface | 2P Fence terminal |
| Battery Weight | 43KG |
| Battery Size | 483*400*130MM |

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