

# Lithium Iron Phosphate (LiFePO<sub>4</sub>) battery

Model: HJ-LFP48100    Power: 48V100Ah

## Summary

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The HJ-LFP48100 is a high-performance 48V 100AH Lithium Iron Phosphate (LiFePO<sub>4</sub>) battery designed for various applications, including renewable energy storage, backup power, and industrial usage.



*Lithium Iron Phosphate (LiFePO<sub>4</sub>) battery (HJ-LFP48100)*

## Product Features

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Eco-Friendly

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

High Energy Density

Provides excellent energy storage with a compact design, maximizing space efficiency

#### Fast Charging Capability

Supports rapid charging, reducing downtime and ensuring continuous power availability

#### Function Of Central Control

Battery maintenance and management to meet the requirements of no one on duty; it could be monitored in real time through the mobile APP

## Technical Parameters

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### Parameters

<b>Nominal voltage</b>	<b>48V</b>
<b>Nominal capacity</b>	<b>100Ah</b>
<b>Charge voltage</b>	<b>54.7V</b>
<b>Discharge cut-off voltage</b>	<b>37.5V</b>
<b>Suggested charge current</b>	<b>50A</b>
<b>Suggested discharge current</b>	<b>100A</b>
<b>Maximum current</b>	<b>120A</b>
<b>Life cycle at normal temperature</b>	<b>2000 times</b>
<b>Communication mod</b>	<b>RS485ICAN</b>
<b>Charge temperature</b>	<b>0-45°C</b>
<b>Discharge temperature</b>	<b>20-60°C</b>
<b>Model of the interface</b>	<b>2P Fence terminal</b>
<b>Battery weight</b>	<b>43KG</b>
<b>Battery size</b>	<b>483*400*130MM</b>

## Application

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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.

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