



## PINSHENG 48V 200Ah LiFePO4 Battery with 3-Year Warranty Stackable Design and Long Lifetimes for Solar Energy Storage

### Our Product Introduction

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#### Basic Information

- Place of Origin: Hunan, China
- Brand Name: Pinsheng Energy
- Model Number: 48100
- Minimum Order Quantity: 2
- Price: \$529-539



#### Product Specification

- Battery Type: LiFePO4
- System Voltage: 48 V
- Output Power: 20-50 KWh
- Dimension: 482\*440\*144mm
- Weight: 46.5kgs
- System Type: Stackable
- Communication Port: CAN, RS-232, Rs485
- Protection Class: IP54, IP64, IP65, IP55
- Rated Voltage: 48V
- Rated Capacity: 100AH
- Discharge Voltage: 40V
- Working Voltage: 58.4V-40V
- Operating Temperature: 0-55°C
- Charging Current: 50A Or More
- Discharge Current: 100A



#### More Images



## Product Description

### PINSHENG 51.2V LiFePO4 Lithium Battery - 48V 100Ah/200Ah/300Ah Solar Energy Battery

PINSHENG LiFePO4 battery front view

PINSHENG battery side view

Battery terminal connections

#### Key Features

- Factory direct pricing for cost efficiency
- Comprehensive after-sales service and quality guarantee
- Safe LFP battery technology with no cobalt content
- Extended operational lifetime
- Modular design for easy capacity expansion
- Direct replacement for lead-acid batteries
- Proprietary Battery Management System (BMS)
- Multiple protection features: short circuit, over current, over voltage, over temperature
- Optional Bluetooth APP for real-time battery monitoring
- IP65 waterproof rating for outdoor applications
- OEM branding available

#### Technical Specifications

Specification	Value
Product Name	LiFePO4 battery pack
Nominal Capacity	100AH
Nominal Voltage	48V
Charging Cut-off Voltage	54V
Discharge Cut-off Voltage	37.5V
Charging Current	50A or more
Discharge Current	100A
Operating Voltage	54V-37.5V
Operating Temperature	20-60

Battery internal components

Battery pack assembly

Battery installation example



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