



## 51.2v 100ah Lithium Ion Battery 48V 100Ah 5kw Lifepo4 Battery Cell Cabinet With Aviation Plugs Battery Pack

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Brand Name: Pinsheng Energy
- Certification: CE , MSDS , UN38.3,IES
- Model Number: PE-48200
- Minimum Order Quantity: 1 unit
- Price: Negotiatial
- Packaging Details: carton box, UN box, wooden box
- Delivery Time: 20-30days
- Payment Terms: L/C , D/A , D/P , T/T , Western Union , MoneyGram
- Supply Ability: 10000pcs/month



### Product Specification

- LED Screen: 2.5 Inches Touch Screen Or Customized
- Module Capacity: 200Ah
- Product Name: 48V 200Ah Rack Lithium Battery
- Battery Power: 10KWh
- Warranty: 5 Years
- BMS: Smart BMS
- Life Cycle Times: 6000 Times
- Nomincal Voltage: 51.2V DC
- Highlight: 48V Lithium Ion Battery,  
5kw Lifepo4 Lithium Ion Battery,  
5kw Lithium Ion Battery



## Product Description

### Product Description:

#### Energy Storage Lithium Battery Overview

The Energy Storage Lithium Battery is a state-of-the-art product designed for home energy storage. With its advanced features and cutting-edge technology, it is a reliable and efficient solution for storing solar energy and powering your home.

#### Product Name

The product name is 48V 200Ah Rack Lithium Battery, which is specifically designed for home energy storage systems. The 48V voltage ensures compatibility with most solar systems, while the 200Ah capacity provides sufficient power for household use.

#### Discharge Cut Voltage

The discharge cut voltage of the Energy Storage Lithium Battery is 40V, which ensures stable and safe operation of the battery. This voltage is carefully selected to optimize the performance of the battery and prolong its lifespan.

#### LED Screen

The Energy Storage Lithium Battery is equipped with a 2.5 inches touch screen, which displays real-time information about the battery's status. The screen can also be customized according to the user's preferences for a more personalized experience.

#### Smart BMS

The Energy Storage Lithium Battery features a Smart BMS (Battery Management System) which monitors and manages the battery's performance. It ensures safe and efficient operation of the battery by balancing the cells, protecting against overcharging and over-discharging, and providing temperature control.

#### Solar Energy Storage Battery

The Energy Storage Lithium Battery is specifically designed for storing solar energy. Its high capacity and discharge cut voltage make it an ideal solution for storing the excess energy generated by solar panels during the day, for use during peak hours or at night.

#### LifePO4 Battery Cell

The Energy Storage Lithium Battery uses LifePO4 battery cells, known for their high energy density, long lifespan, and excellent safety features. These cells are also environmentally friendly, making the battery a sustainable and green energy storage solution.

#### Application

The Energy Storage Lithium Battery is primarily designed for home energy storage but can also be used in other applications such as backup power for critical systems, off-grid living, and electric vehicle charging.

#### Operating Temperature

The Energy Storage Lithium Battery has an operating temperature range of -15°C to 55°C, making it suitable for use in various climates and environments. It can perform well even in extreme weather conditions, ensuring reliable and uninterrupted power supply.

Overall, the Energy Storage Lithium Battery is a highly efficient, reliable, and versatile solution for home energy storage. With its advanced features and superior performance, it is a must-have for anyone looking to harness the power of solar energy and reduce their carbon footprint.

### Features:

**Product Name:** Energy Storage Lithium Battery

**Nominal Voltage:** 51.2V DC

**Battery Power:** 10KWh

**Life Cycle Times:** 6000 Times

**Charge Limit Voltage:** 58.4V

**Operating Temperature:** -15°C To 55°C

#### Key Features:

Uses LifePO4 Battery Cell for optimal performance

Ideal for Solar Energy Storage

Equipped with a 48v 100Ah Rack Battery

High Energy Density for longer use

Long Life Span of 6000 cycles

### Technical Parameters:

Technical Parameters	Description
Application	Home Energy Storage
SOC Light and COM	Standard And Optional
Battery Power	10KWh
Product Name	48V 200Ah Rack Lithium Battery
Warranty	5 Years
BMS	Smart BMS
LED Screen	2.5 Inches Touch Screen Or Customized
Operating Temperature	-15°C To 55°C

Life Cycle Times	6000 Times (LifePO4 Battery Cell)
Module Capacity	200Ah
Special Features	Can be used in Telecom Base Station, Home Energy Storage

## Applications:

Energy Storage Lithium Battery - Pinsheng Energy

Brand Name: Pinsheng Energy

Model Number: PE-48200

Place of Origin: China

Certification: CE, MSDS, UN38.3, IES

Pinsheng Energy Storage Lithium Battery is a state-of-the-art product designed and manufactured in China. It has received multiple certifications including CE, MSDS, UN38.3 and IES, ensuring its safety and quality standards.

Minimum Order Quantity: 1 unit

Whether you need one unit or multiple units, we are able to fulfill your order. Our flexible manufacturing process allows us to cater to different needs and requirements.

Price: Negotiatial

We understand that every customer has different budget and needs. Therefore, we are open to negotiation to find a price that is suitable for both parties.

Packaging Details: carton box, UN box, wooden box

For safe transportation, our Energy Storage Lithium Battery is packed in high-quality carton boxes, UN boxes, or wooden boxes. This ensures that the product is protected during transit and reaches you in perfect condition.

Delivery Time: 20-30days

Our efficient production process allows us to fulfill orders within 20-30 days. We value our customers' time and strive to deliver the product as soon as possible.

Payment Terms: L/C, D/A, D/P, T/T, Western Union, MoneyGram

We offer multiple payment options to cater to different preferences and ensure a smooth transaction process.

Supply Ability: 10000pcs/month

With a monthly supply ability of 10000pcs, we are able to meet the growing demand for our Energy Storage Lithium Battery in the market.

SOC Light and COM: Standard And Optional

Our Energy Storage Lithium Battery comes with a standard SOC light and COM feature, which allows you to monitor the state of charge and communicate with the battery. This feature can also be customized according to your specific needs.

Operating Temperature: -15°C To 55°C

Our battery is designed to operate in a wide temperature range from -15°C to 55°C, making it suitable for various applications and environments.

Charge Limit Voltage: 58.4V

The charge limit voltage of our battery is 58.4V, ensuring safe and efficient charging for a longer lifespan.

Nominal Voltage: 51.2V DC

With a nominal voltage of 51.2V DC, our Energy Storage Lithium Battery provides a stable and reliable power source for your devices.

LED Screen: 2.5 Inches Touch Screen Or Customized

The battery is equipped with a 2.5 inches touch screen, allowing you to easily access and monitor its performance. We also offer the option to customize the screen according to your preferences.

Smart BMS

Our Energy Storage Lithium Battery is equipped with a smart BMS (Battery Management System), which ensures the safety and stability of the battery. It also provides real-time monitoring and protection against overcharging, over-discharging, and short circuits.

48v 100Ah Rack Battery

The 48v 100Ah Rack Battery is a perfect solution for solar energy storage, UPS power, and other applications. Its high capacity and long lifespan make it a reliable and efficient choice for your energy needs.

Solar Energy Storage Battery

Our Energy Storage Lithium Battery is an ideal choice for solar energy storage. It can store excess energy generated by solar panels and provide a stable power supply when needed.

UPS Power Battery

In case of power outages, our Energy Storage Lithium Battery can serve as a backup power source for your UPS system. Its high capacity and fast charging capabilities make it a reliable choice for uninterrupted power supply.

## Customization:

Pinsheng Energy - PE-48200

Customized Service

Thank you for choosing Pinsheng Energy's PE-48200 energy storage lithium battery. As a leading supplier of lithium batteries in China, we are committed to providing high-quality products and excellent customized services.

Product Attributes:

**Brand Name:** Pinsheng Energy

**Model Number:** PE-48200

**Place of Origin:** China

**Certification:** CE, MSDS, UN38.3, IES

**Minimum Order Quantity:** 1 unit

**Price:** Negotiable

**Packaging Details:** Carton box, UN box, wooden box

**Delivery Time:** 20-30 days

**Payment Terms:** L/C, D/A, D/P, T/T, Western Union, MoneyGram

**Supply Ability:** 10000pcs/month

**LED Screen:** 2.5 Inches Touch Screen or Customized

**Charge Limit Voltage:** 58.4V

**Operating Temperature:** -15°C to 55°C

**Discharge Cut Voltage:** 40V

**BMS:** Smart BMS

Key Features:

Designed for Telecom Base Station use

Long lifespan - can be cycled up to 6000 times

48v 100Ah Rack Battery

Our customized service allows you to tailor the specifications of the PE-48200 battery according to your specific needs. We understand that different industries may have different requirements, and we are committed to providing customized solutions for all our clients.

Whether you need a different LED screen size, a specific charge limit voltage, or a customized BMS, we can work with you to create a battery that meets your exact specifications.

At Pinsheng Energy, we value our clients and strive to provide the best products and services. Contact us now to discuss your customized service needs for the PE-48200 energy storage lithium battery.



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