



Pinsheng 15kWh 51.2V 280Ah 300Ah Home LiFePO4 Battery Pack Solar Energy Storage Battery for Home Use

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: Pinsheng
- Certification: CE , MSDS , UN38.8 , ISO9001
- Model Number: PE-48100
- Minimum Order Quantity: 1 pc
- Packaging Details: Customized
- Delivery Time: 15-25 work days
- Payment Terms: L/C, T/T, Western Union
- Supply Ability: 30000 sets per month



Product Specification

- Operating Temperature: -20 ~60
- Cycle Life: 6000 Times
- Capacity: 100Ah 200Ah
- Type: LifePO4 Lithium Battery
- Voltage: 48V
- Size: Customizable
- Storage Temperature: -20 ~55
- Protection: Overcharge, Overdischarge, Short Circuit
- System Type: Wall-mounted
- OEM/ODM: Available
- Anode Material: LFP
- Highlight: Home LiFePO4 Battery Pack,
51.2V 280Ah LiFePO4 Battery Pack,

Product Description

Product Description:

Pinsheng's customized lithium ion battery packs are the perfect solution for a variety of applications. Our LifePO4 Lithium Battery packs are designed to provide reliable and safe performance, with a capacity of 100Ah or 200Ah and a customizable size to meet your power needs. Our packs are equipped with a Battery Management System and a Protection Circuit Module to protect against Overcharge, Overdischarge, and Short Circuit. Moreover, our batteries are built to withstand a wide range of temperatures, from -20 to 60 , ensuring reliable performance in any environment. Choose Pinsheng's lithium ion battery packs for your next application and experience the power and reliability of our products.



Features:

Product Name: LifePO4 Lithium Battery

Voltage: 48V

Storage Temperature: -20 ~60

Cycle Life: 6000 Times

Size: Pinsheng Customizable

Weight: Pinsheng Customizable

Battery Packs: Pinsheng Lithium Ion Battery Packs

Solar Energy System: Compatible with Solar Energy System

Technical Parameters:

Technical Parameter	Details
Operating Temperature	-20 ~60
Warranty	5 Years
Weight	Customizable
Size	Customizable
Cycle Life	6000 Times

Technical Parameter	Details
Storage Temperature	-20 ~60
Voltage	48V
Type	LifePO4 Lithium Battery
Protection	Overcharge, Overdischarge, Short Circuit
Capacity	100Ah 200Ah
Pinsheng Customized	For Solar Energy System, 48v 10~20KWh Battery Cell

Applications:

The **Pinsheng PE-48100 LifePO4 Lithium Battery** has a wide range of applications and can be used in a variety of scenarios. This battery is equipped with a customized 48v 10~20KWh battery cell, making it ideal for large-scale energy storage solutions. Its high safety features and long cycle life of up to 6000 times make it a reliable and durable choice. Moreover, the battery features overcharge, overdischarge, and short circuit protection, so you can trust that it will keep your equipment and devices safe. Additionally, this battery is customizable in terms of capacity (100Ah 200Ah) and weight, giving you the flexibility to choose the perfect option for your needs. Furthermore, this battery works at a storage temperature range of -20 ~55 , allowing you to use it in a variety of environments. With the Pinsheng PE-48100 LifePO4 Lithium Battery, you can enjoy reliable performance and superior energy storage solutions.

Customization:

Pinsheng LifePO4 Lithium Battery
Brand Name: Pinsheng
Model Number: PE-48100
Place of Origin: CHINA
Cycle Life: 6000 Times
Size: Customizable
Weight: Customizable
Warranty: 5 Years
Voltage: 48V

Pinsheng provides customized lithium ion battery packs to meet different requirements. Our LifePO4 Lithium Battery has a cycle life of 6000 times and a 5-year warranty. You can customize the size and weight according to your needs.

Packing and Shipping:

Packaging and Shipping
For LifePO4 Lithium Battery, the package is carefully designed to protect the goods against shock, vibration, compression, temperature, and humidity during transportation.
The package is designed in accordance with the regulations of international shipping standards, and the goods are marked in the package clearly.
The shipping method we use is by air, and the goods will be shipped to the designated place in the shortest time.

51.2V 206Ah

LiFePo4 Battery



10.54kWh



Energy Capacity

200A



Max. Continuous
Charge/Discharge current

10540W



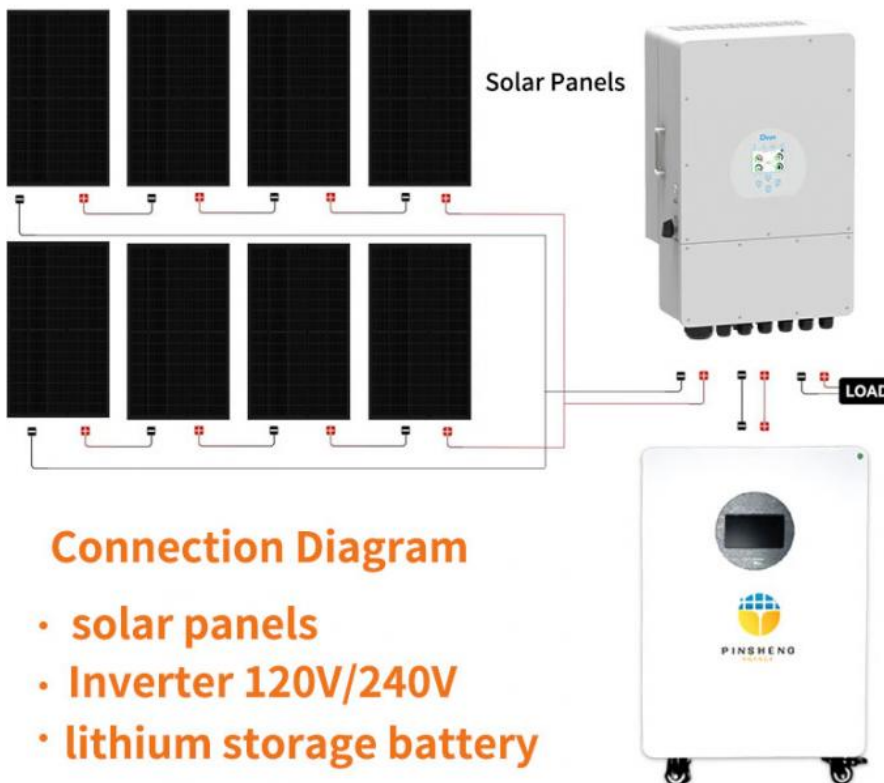
Max, Load Power

-25°~60°C



Wide Operation
Temperature Range

Solar Inverter



Connection Diagram

- solar panels
- Inverter 120V/240V
- lithium storage battery

COMPANY INTRODUCTION



Pinshengenergy is focusing on Lithium Battery and related products, such as Energy Storage Batteries, Solar Energy Storage System, Portable Power Station, Electric Vehicle Batteries, E-motorcycle Batteries, E-scooter Batteries, E-bike Batteries, EV Batteries, RV Batteries, AGV Batteries, Golf Cart Batteries, Lithium Battery Cell, ESS container and etc. Through over 12 years development and research, we have formed complete industry chain from Design, R&D, Manufacturing to Sales. Can provide one-stop customization service, our lithium battery have the characteristics of Longer Cycle Life, more Higher Security, Bigger Energy Density and other superior performance, we have strict quality control and guarantee system to ensure high quality products.

PROJECT CASES





PRODUCTION AND TRANSPORTATION



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