



Solar Energy System With Lithium Energy Storage Battery 48V Cabinet Inverter Energy Storage System All in One Ess

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

- Life Cycle Times: 6000 Times
- Product Name: 48V 200Ah Rack Lithium Battery
- Operating Temperature: -15°C To 55°C
- SOC Light And COM: Standard And Optional
- Charge Limit Voltage: 58.4V
- Module Capacity: 200Ah
- Warranty: 5 Years
- Discharge Cut Voltage: 40V
- Highlight: Solar Energy System, All in One,
Lithium Energy Storage Battery



Product Description

Product Description:

Energy Storage Lithium Battery

Product Overview

The Energy Storage Lithium Battery is a revolutionary product that is designed to provide high performance and reliability in energy storage applications. This battery is based on the advanced LifePO4 battery cell technology, which is known for its high energy density, long lifespan, and high safety. It is the ideal choice for a wide range of applications, including renewable energy storage, backup power, and electric vehicle charging.

Key Features

Charge Limit Voltage: 58.4V

SOC Light and COM: Standard And Optional

Warranty: 5 Years

Nominal Voltage: 51.2V DC

Life Cycle Times: 6000 Times

The Energy Storage Lithium Battery is designed to provide a high charge limit voltage of 58.4V, allowing for efficient and fast charging. It also features a SOC (State of Charge) light and COM (Communication) function, which are standard and optional respectively. This allows for easy monitoring and communication with the battery, providing users with valuable information about its performance and status. The battery comes with a 5-year warranty, giving customers peace of mind and ensuring long-term reliability.

The nominal voltage of this battery is 51.2V DC, making it suitable for a wide range of applications. It is compatible with most energy storage systems and can be easily integrated into existing setups. The battery is also capable of an impressive 6000 charge cycles, ensuring a long lifespan and reducing the need for frequent replacements.

Advanced Technology

The Energy Storage Lithium Battery is powered by the latest LifePO4 battery cell technology, which is known for its high energy density. This allows for more energy to be stored in a smaller space, making it perfect for applications where space is limited. The battery also has a wide operating temperature range, making it suitable for use in different environments and climates.

The LifePO4 battery cell technology also ensures high safety standards, with built-in protection against overcharging, over-discharging, and short circuits. This makes the battery reliable and safe to use, giving users peace of mind and reducing the risk of accidents.

Application

The Energy Storage Lithium Battery is suitable for a wide range of applications, including:

Renewable energy storage: The high energy density and long lifespan of this battery make it perfect for storing energy from renewable sources such as solar or wind power. It can store excess energy generated during peak times and release it during periods of high demand.

Backup power: The battery can provide backup power in case of power outages, ensuring uninterrupted supply to critical equipment and systems. It can also be used as a backup power source for homes, offices, and other buildings.

Electric vehicle charging: The Energy Storage Lithium Battery can be used to charge electric vehicles, providing a convenient and eco-friendly solution for transportation.

In conclusion, the Energy Storage Lithium Battery is a reliable, high-performance energy storage solution that offers a long lifespan, high safety, and advanced technology. With its 6000 charge cycles and compatibility with a wide range of applications, it is the ideal choice for all your energy storage needs.

Features:

Product Name: Energy Storage Lithium Battery

Module Capacity: 200Ah

Application: Home Energy Storage

Discharge Cut Voltage: 40V

Life Cycle Times: 6000 Times

Warranty: 5 Years

Solar Energy Storage Battery

Solar Energy Storage Battery

LifePO4 Battery Cell

Technical Parameters:

Product Name	48V 200Ah Rack Lithium Battery
Battery Type	LifePO4 Battery Cell
Nominal Voltage	51.2V DC
Module Capacity	200Ah
Battery Power	10KWh
Charge Limit Voltage	58.4V
Discharge Cut Voltage	40V

Operating Temperature	-15°C To 55°C
Life Cycle Times	6000 Times
LED Screen	2.5 Inches Touch Screen Or Customized
BMS	Smart BMS
Application	Solar Energy Storage Battery, Telecom Base Station

Applications:

Energy Storage Lithium Battery - Pinsheng Energy PE-48200

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Supply Ability: 10000pcs/month

BMS: Smart BMS

LED Screen: 2.5 Inches Touch Screen or Customized

Operating Temperature: -15°C to 55°C

Charge Limit Voltage: 58.4V

Battery Power: 10KWh

The Energy Storage Lithium Battery by Pinsheng Energy is a highly efficient and reliable power source that is ideal for a variety of applications. Designed with advanced technology and top-quality materials, it is a revolutionary product that is changing the way we store and use energy.
Telecom Base Station

One of the primary applications of the Energy Storage Lithium Battery is for powering telecom base stations. With its high power output and intelligent charging system, it is perfect for providing continuous and stable energy to keep base stations running smoothly. This makes it an essential component for telecommunication companies looking to improve their services and increase their coverage.
LifePO4 Battery Cell

The Energy Storage Lithium Battery uses LifePO4 battery cells, known for their long lifespan, high energy density, and superior safety features. This ensures that the battery can withstand frequent charging and discharging cycles without compromising its performance or safety. It also makes it a more environmentally friendly option compared to traditional lead-acid batteries.
Solar Panel

Another application of the Energy Storage Lithium Battery is for storing energy generated by solar panels. With its large capacity and high charge limit voltage, it can efficiently store excess energy generated by solar panels during the day and release it for use during peak hours or at night. This provides a reliable and sustainable energy solution for residential and commercial use.
Intelligent Charging

The Energy Storage Lithium Battery is equipped with a Smart BMS (Battery Management System) that monitors and regulates the charging process to ensure maximum efficiency and safety. It also has an LED screen that displays the battery's status and allows for easy customization of charging settings. This makes it a user-friendly and convenient option for any application.
High Power Output

With a battery power of 10KWh, the Energy Storage Lithium Battery is capable of delivering high power output for an extended period. This makes it suitable for powering various equipment, such as emergency backup systems, electric vehicles, and more. Its compact design also allows for easy installation in any space.
Conclusion

The Energy Storage Lithium Battery by Pinsheng Energy is a game-changing product that offers a reliable, efficient, and sustainable energy solution for various applications. From powering telecom base stations to storing solar energy and more, this product is a must-have for anyone looking to upgrade their energy storage capabilities. With its advanced features and top-notch quality, it is a product that will continue to make a positive impact in the energy industry.

Customization:

Customized Service for Energy Storage Lithium Battery - Pinsheng Energy PE-48200

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Supply Ability: 10000 pcs/month
LED Screen: 2.5 Inches Touch Screen or Customized
SOC Light and COM: Standard and Optional
Nominal Voltage: 51.2V DC
Module Capacity: 200Ah
Operating Temperature: -15°C to 55°C
Key Features:
LifePO4 Battery Cell
48v 100Ah Rack Battery
6000 Times Cycle Life



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