

Capacity 5.12kwh Lithium Iron Phosphate Battery for Home Energy Storage Systems

Our Product Introduction

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Basic Information

- Place of Origin: china
- Brand Name: Enook
- Model Number: Energy Storage Battery

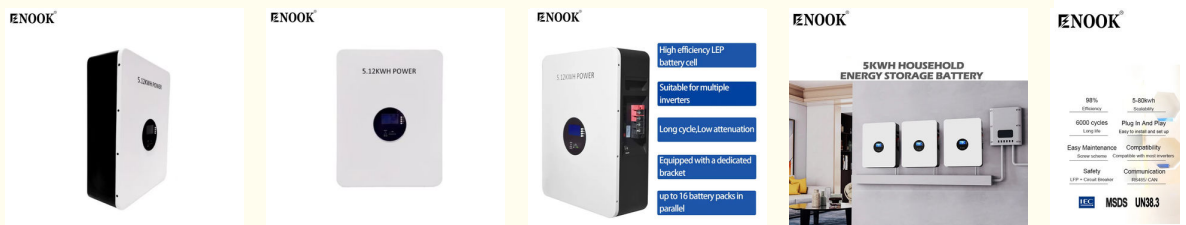


Product Specification

- Single Battery Power: 5.12kwh
- Communication Port: CAN,RS232,RS485
- Anode Material: LFP
- Input Battery Voltage Range: 40-58.4V
- OEM/ODM: Acpted
- Battery Type: Lithium Ion, LiFePO4,Other
- Protection Grade: IP20
- Highlight: 5.12kwh Lithium Iron Phosphate Battery, Home Lithium Iron Phosphate Battery



More Images



Product Description

Product Description:

One of the standout features of this battery is its anode material, which is made of LFP (lithium iron phosphate). This material is known for its excellent thermal stability, safety, and long cycle life, making it the ideal choice for high-performance energy storage applications. Measuring 445*565*182mm in size, this battery is compact and easy to install, even in tight spaces. It is manufactured in China to the

Our Product

highest quality standards, ensuring that it will provide reliable performance for years to come.

Another key attribute of this battery is its wide input voltage range of 40-58.4V, which makes it compatible with a wide range of solar panels and other energy sources. It also features multiple communication ports, including CAN, RS232, and RS485, which allow for easy integration with a variety of energy management systems.

Overall, the Home Energy Storage Battery is an excellent choice for anyone looking to power their home or business with clean, renewable energy. Its advanced LFP anode material, high capacity, and versatile input voltage range make it an ideal choice for a wide range of applications. Invest in the PowerWall 51.2V 100Ah today and enjoy reliable, cost-effective energy storage for years to come.

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High efficiency LEP
battery cell

Suitable for multiple
inverters

Long cycle, Low attenuation

Equipped with a dedicated
bracket

up to 16 battery packs in
parallel

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5KWH HOUSEHOLD ENERGY STORAGE BATTERY



Features:

Product Name: Home Energy Storage Battery

OEM/ODM: Accepted

Anode Material: LFP (lithium iron phosphate Battery)

Dimension(L*W*H): 445*565*182mm

Place of Origin: China

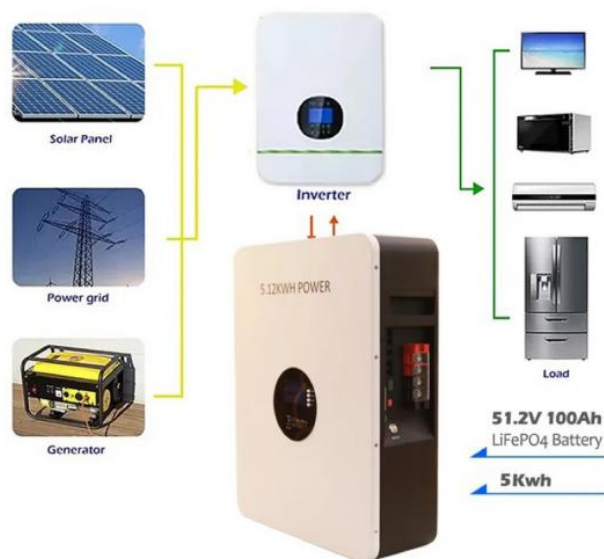
Protection grade: IP20

Battery Type: PowerWall 51.2V 100Ah (lithium iron phosphate Battery)

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Applications:

The Energy Storage Battery is rated at 50-60HZ, and it can be connected to multiple communication ports such as CAN, RS232, and RS485. This feature makes it easy to integrate the battery with other devices and systems, ensuring that you have complete control over your energy usage.

One of the main applications of the enook Energy Storage Battery is to be used as a backup power supply during power outages. With an input battery voltage range of 40-58.4V, this battery can power essential appliances and devices for hours, providing peace of mind during emergencies.

Another application of the Energy Storage Battery is to be used as a supplement to your existing solar power system. When used in conjunction with solar panels, the battery can store excess energy during the day and release it during peak usage times, reducing your reliance on the grid and saving you money on your electricity bills.

The enook Energy Storage Battery is also an excellent choice for those looking to reduce their carbon footprint. With a PowerWall capacity of 51.2V 100Ah, this battery can store a significant amount of energy, reducing your reliance on fossil fuels and helping to protect the environment.

Overall, the enook Energy Storage Battery is a versatile and reliable product that can be used in a variety of applications and scenarios. Whether you are looking for a backup power supply, a supplement to your solar power system, or a way to reduce your carbon footprint, the Energy Storage Battery is an excellent choice.

Residential Energy Storage System

The intelligent small energy storage system is combined with advanced LiFe-PO4 lithium batteries, hybrid inverters, energy management systems, and photovoltaic module systems, which is suitable for household energy storage, farms, and other applications.



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Customization:

Enook offers customizable options for its Energy Storage Battery, also known as the Lifepo4 battery. This powerful battery has a capacity of PowerWall 51.2V 100Ah and is manufactured in China, ensuring top quality and reliability. With a cycle life of 6000 times, this battery is built to last. Enook stands behind its products and offers a 5-year warranty for the Energy Storage Battery. Additionally, this battery has an IP20 protection grade, ensuring that it is safe and protected at all times. Contact us to discuss your specific customization needs for the Enook Energy Storage Battery.



Compact Size

High Energy Density Battery, Enabled Sunpal Powerbox Ultra-Compact, Light Weight.
Compact Size Makes Sunpal Powerbox Easy To Handle.



Modular Design

Modular Design Gives The End Customers The Power Of Choice Of Capacity Deliver Up To 140KW With Single Max Module (10.24KWh) At 14pcs Parallel Connection.



Long Life and Safety

Vertical Industry Integration Ensures More Than 6000 Cycles With 80% DoD Safe Lithium Iron Phosphate Battery Cell.

Support and Services:

Our Home Energy Storage Battery product comes with comprehensive technical support and services to ensure that you get the most out of your investment:

- Installation support: We provide guidance and assistance to ensure that the installation process is smooth and trouble-free.
- Troubleshooting: Our team of experts is available to help you diagnose and resolve any issues that may arise with your Home Energy Storage Battery.
- Maintenance: Regular maintenance is crucial to the longevity and performance of your Home Energy Storage Battery. We offer maintenance services to ensure that your battery is always in top condition.
- Warranty: We stand behind the quality of our product and offer a warranty to give you peace of mind. If any defects or issues arise, we will work with you to resolve them quickly and efficiently.

Company Introduction

ChangSha Enook Technology Co., Ltd located is an outstanding solution service provider in Lithium Battery Management System(BMS) industry, focusing on the R&D, design, production and sales of Apexium DIY kits, BMS and batteries for more than 15 years. With its strength, it can provide customers with first-class software and hardware development and after-sales services.

Quality first is our principle, Satisfying all our customers is our tenet, win-win business is our aim. Dedicated to strict quality control and thoughtful customer service, our experienced staff members are always available to discuss each detailed requirements from customer and ensure full customer satisfaction.

In addition, we have obtained certificates. MSDS UN38.3 MSDS, ROHS, UL, etc. All our products keep selling well not only around China, but also in USA, Philippines, Germany, England, Australia, Russia, France and other European and Asia countries. Fast delivery is one of our advantages, selecting a current product from catalogue, or customized products, 3~5 days is the normal time to prepare for the goods. OEM & ODM orders can be acceptable.

Please don't hesitate to contact us if you have any requirement, we'll provide our best service to you.

Our Factory





Company Exhibition



PACKAGING



Shipping by



Professional suggestion to choose the best shipping delivery (Such as EMS DHL TNT UPS and FEDEX) for your commodities according to your demand.

CERTIFICATES

OUR CERTIFICATES GIVE YOU RELIABLE
SUPPORT FOR YOUR ORDERS



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