

Frequency Home Energy Storage Battery IP20 Lithium Ion / LiFePO4

Our Product Introduction

for more products please visit us on enookbattery.com

Basic Information

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

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Product Specification

- Rated Frequency: 50-60HZ
- Warranty: 5 Years
- Protection Grade: IP20
- OEM/ODM: Accepted
- Battery Type: Lithium Ion, LiFePO4, Other
- Input Battery Voltage Range: 40-58.4V
- Highlight: **LiFePO4 Home Energy Storage Battery, Lithium Ion Home Energy Storage Battery, Home Energy Storage Battery IP20**

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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

More Images

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Compact Size

High Energy Density Battery, Enabled Single Powerless Ultra Compact, Light Weight, Compact Size Makes Single Powerless Easy To Handle.



Modular Design

Modular Design Meets The Best Customers The Power Of Choice Of Capacity Ranges Up To 1400WH With Single Max Module (16-2000WH) At 1600W Parallel Connection.



Long Life and Safety

Vertical Industry Integration Ensures More Than 6000 Cycles With 80% Self-Discharge Lithium Iron Phosphate Battery Cell.

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Product Description

Product Description:

The Home Energy Storage Battery is designed to operate at a rated frequency of 50-60HZ, which makes it compatible with most power grids. The battery is built with high-quality Lifepo4 battery cells, which are known for their longevity, safety, and high energy density. This makes the Home Energy Storage Battery a reliable and efficient source of energy for homes, offices, and other settings.

The Home Energy Storage Battery is available for OEM/ODM orders, which means that it can be customized to meet specific requirements. This flexibility makes it an ideal solution for businesses and organizations that need a tailored energy storage solution. The product is also backed by a 5-year warranty, which provides customers with peace of mind and ensures that they are investing in a reliable product.

The Home Energy Storage Battery comes in the PowerWall 51.2V 100Ah configuration, which is a popular choice for residential and commercial applications. This configuration provides ample storage capacity and is ideal for powering appliances, lights, and other electrical devices. The battery is also designed with a high protection grade of IP20, which means that it is protected against dust and other foreign objects.

Overall, the Home Energy Storage Battery is a reliable and efficient energy storage solution that is perfect for households and businesses. Its advanced communication ports, high-quality Lifepo4 battery cells, and flexible customization options make it a versatile and practical choice for anyone looking to save on energy costs and reduce their carbon footprint.

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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.



Features:

Product Name: Home Energy Storage Battery

OEM/ODM: Accepted

Cycle life: 6000 Times

Warranty: 5 Years

Input battery voltage range: 40-58.4V

Rated frequency: 50-60HZ

Battery Type: Lithium Iron Phosphate Battery

Capacity: PowerWall 51.2V 100Ah

Chemistry: Lifepo4 Battery

98%
Efficiency

5-80kwh
Scalability

6000 cycles
Long life

Plug In And Play
Easy to install and set up

Easy Maintenance
Screw scheme

Compatibility
Compatible with most inverters

Safety
LFP + Circuit Breaker

Communication
RS485/ CAN



MSDS UN38.3



Technical Parameters:

| | |
|----------------------|--------------------------------------|
| Place of Origin | China |
| Brand Name | Enook |
| Dimension(L*W*H) | 445*565*182mm |
| Single Battery Power | 5.12kwh |
| Rated Frequency | 50-60HZ |
| Anode Material | LFP (Lithium Iron Phosphate Battery) |
| Communication Port | CAN, RS232, RS485 |
| Warranty | 5 Years |
| Cycle Life | 6000 times |
| OEM/ODM | Accepted |

5KWH HOUSEHOLD ENERGY STORAGE BATTERY



Applications:

One of the most common applications for the enook Energy Storage Battery is as a backup power source during power outages. With a capacity of PowerWall 51.2V 100Ah, this battery can provide uninterrupted power to your home appliances during an outage, ensuring that you can continue with your daily activities without any interruptions.

The enook Energy Storage Battery is also ideal for off-grid applications. If you live in a remote location or want to reduce your reliance on the grid, this battery can be used to store energy from solar panels or wind turbines. The battery can then be used to power your home when the renewable energy source is not available.

In addition to these applications, the enook Energy Storage Battery can also be used for load shifting. This means that you can charge the battery during off-peak hours when electricity rates are low and then use the stored energy during peak hours when rates are high. This can help you save money on your electricity bills.

The enook Energy Storage Battery comes with a communication port that supports CAN, RS232, and RS485. This allows for easy monitoring and control of the battery's performance. The battery also comes with a 5-year warranty, ensuring that you can rely on it for years to come.

In summary, the enook Energy Storage Battery is a versatile and reliable product that can be used in various scenarios in the home. Whether you need backup power during outages, want to reduce your reliance on the grid, or want to save money on your electricity bills, this 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:

Customize your enook Energy Storage Battery to fit your specific needs with our Product Customization Services. Our batteries are made in China with high-quality LFP anode material and can be customized to fit a variety of specifications.

Brand Name: enook

Model Number: Energy Storage Battery

Place of Origin: China

Anode Material: LFP

Input Battery Voltage Range: 40-58.4V

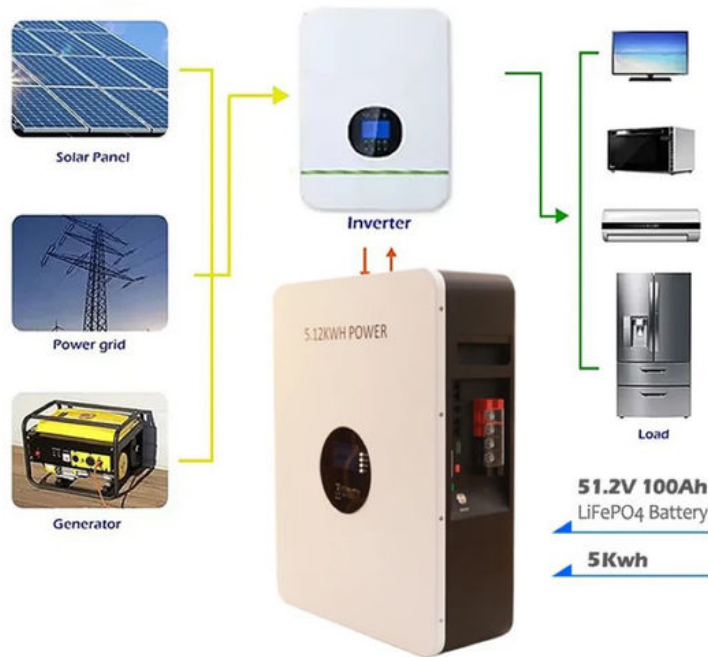
Communication Port: CAN, RS232, RS485

Protection Grade: IP20

Battery Type: Lithium Ion, LiFePO4, Other

Our batteries are suitable for a wide range of applications, including the popular PowerWall 51.2V 100Ah lithium iron phosphate Battery. Contact us today to learn more about our customization options and how we can help you get the most out of your Energy Storage Battery.

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Support and Services:

The Home Energy Storage Battery product technical support and services are:

- Assistance with installation and setup
- Troubleshooting and diagnosis of issues
- Repair and replacement of faulty parts
- Remote monitoring and management of the battery system
- Software updates and maintenance
- Technical consultation and guidance for optimizing energy usage

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 battereis for more than 15 years. With its strength, it can provide customers with first-class software and hardware devel- opment and after-sales services.

Quality first is our principle,Satisfying all our customers is ourtenet,win-win business is our aim.Dedicated to strict qualitycontrol and thoughtful customer service,our experiencedstaff members are always available to discuss eachdetailed requirements from customer and ensure fullcustomer satisfaction.

In addition,we have obtained certificates.MSDS UN38.3MSDS, ROHS,UL.ect. All our products keep selling wellnot onlyaround China. but also inUSA. Philippines. Germanv. EnalandAustralia.

Russia, France and other European and Asia countries Fast delivery is one of our advantage,selecting a current products from catalogue,or customized products,3~5days 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

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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