

## LiFePO4 Energy Storage Battery 5.12kwh 50-60HZ Input Voltage Range

Our Product Introduction

for more products please visit us on [enookbattery.com](http://enookbattery.com)

### Basic Information

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

ENOOK™



### Product Specification

- Rated Frequency: 50-60HZ
- Single Battery Power: 5.12kwh
- Input Battery Voltage Range: 40-58.4V
- Dimension(L\*W\*H): 445\*565\*182mm
- Battery Type: Lithium Ion, LiFePO4, Other
- Anode Material: LFP
- Highlight: 5.12kwh Energy Storage Battery, 50-60HZ LiFePO4 Energy Storage Battery, 5.12kwh LiFePO4 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 (10.24KW) At 14pcs Parallel Connection.



#### Long Life and Safety

Vertical Industry Integration Ensures More Than 4000 Cycles With 80% DoD Safe Lithium Iron Phosphate Battery Cell.

### More Images

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## Product Description

### Product Description:

Our Energy Storage Battery is equipped with lithium iron phosphate technology, which ensures that it is safe, durable, and long-lasting. The anode material used in the battery is LFP, which provides superior performance and stability, making it an ideal choice for your energy storage needs.

The PowerWall 51.2V 100Ah battery is a top-of-the-line product, designed to meet the needs of customers who demand the best. With a 5-year warranty, you can be assured that your investment is protected, and you can rely on our product for years to come.

Our Energy Storage Battery is also highly customizable, with OEM/ODM options available to meet your specific needs and requirements. We understand that every customer is different, and we are committed to providing a tailored solution that meets your unique needs.

In addition, our Energy Storage Battery has a protection grade of IP20, ensuring that it is protected against dust and other small particles. This makes it suitable for use in a wide range of environments, including industrial and commercial settings.

With our Energy Storage Battery, you can enjoy reliable power, reduced energy costs, and the peace of mind that comes with knowing that you have a top-of-the-line product backing you up. Don't settle for anything less than the best. Choose our Energy Storage Battery today and experience the difference!



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

## **5KWH HOUSEHOLD ENERGY STORAGE BATTERY**



### **Features:**

Product Name: Home Energy Storage Battery

Brand Name: Enook

Warranty: 5 Years

OEM/ODM: Accepted

Protection grade: IP20

Input battery voltage range: 40-58.4V

Battery Type: Lifepo4 battery

Capacity: PowerWall 51.2V 100Ah

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:

Communication Port	CAN,RS232,RS485
Input Battery Voltage Range	40-58.4V
Single Battery Power	5.12kWh
Warranty	5 Years
Place of Origin	China
Battery Type	Lithium Ion, LiFePO4, Other
Rated Frequency	50-60Hz
Brand Name	Enook
Cycle Life	6000 Times
Protection Grade	IP20



## 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 To 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.



## Applications:

The Enook Energy Storage Battery is ideal for use in various home applications. The battery can be used as a backup power source during power outages, ensuring that the home remains powered up. Additionally, the battery can be used to store excess power generated by solar panels, which can be used at a later time. The battery is compatible with most solar panel systems, making it a perfect

fit for homes that rely on solar power.

The Enook Energy Storage Battery is also suitable for use in off-grid scenarios. The battery is designed to store energy for long periods, ensuring that the home remains powered up even in the absence of a grid connection. This makes it an ideal solution for homes located in remote areas, where grid power is not available.

The Enook Energy Storage Battery is a versatile product that can be used in various applications. The battery is also suitable for use in commercial settings, such as offices, shops, and restaurants. The battery can be used to store excess power generated by solar panels, which can then be used to power the business during peak hours. This can result in significant savings on electricity bills.

Enook Energy Storage Battery is a high-quality product that provides reliable and long-lasting power storage solutions for homes and businesses. The battery is available in different models, depending on the specific energy storage needs of the user. Enook accepts OEM/ODM orders, ensuring that customers can get customized products that meet their specific requirements.

## 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.



### Customization:

Enook Energy Storage Battery is a high-quality lithium iron phosphate Battery that is designed to provide reliable and efficient power backup solutions for homes and businesses. The PowerWall 51.2V 100Ah model is a popular choice among our customers due to its high capacity and long-lasting performance.

Our product customization services allow you to tailor your Enook Energy Storage Battery to your specific needs. You can choose from a range of communication ports, including CAN, RS232, and RS485, to ensure seamless integration with your existing infrastructure. Additionally, our Energy Storage Battery has a protection grade of IP20, making it suitable for indoor use.

The Energy Storage Battery has a dimension of 445\*565\*182mm, making it compact and easy to install. Whether you need a backup power solution for your home or business, Enook Energy Storage Battery has got you covered. Order now and enjoy reliable and efficient power backup solutions that meet your specific needs.

Product Details:

Brand Name: Enook

Model Number: Energy Storage Battery

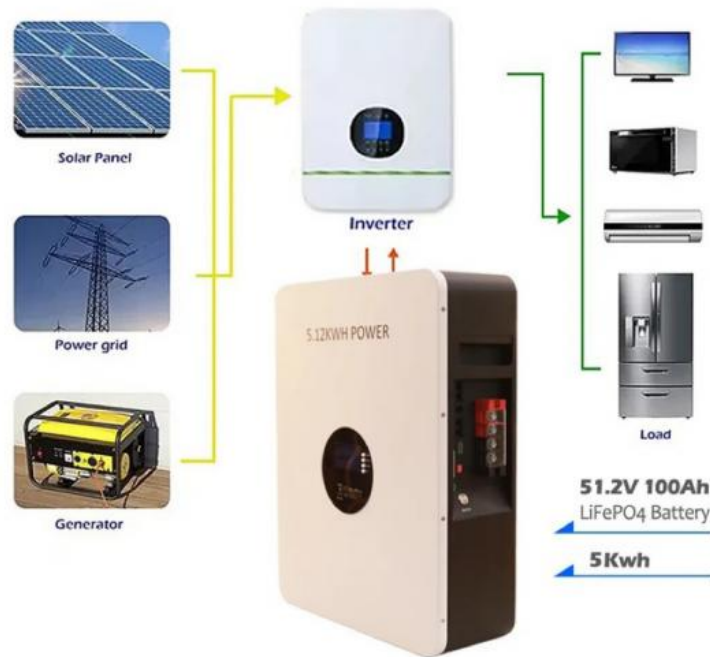
Place of Origin: China

Communication Port: CAN, RS232, RS485

Protection grade: IP20

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





## Support and Services:

The Home Energy Storage Battery is a powerful and reliable energy storage solution designed to provide clean and sustainable energy for your home. Our technical support and services team is dedicated to providing you with the best possible support and assistance to ensure that your Home Energy Storage Battery operates at its optimal level. Our technical support team is available to answer any questions you may have about your Home Energy Storage Battery, including installation, configuration, and troubleshooting. We also offer regular software updates to ensure that your battery remains up-to-date with the latest features and improvements.

In addition to technical support, we also offer a range of services to help you maximize the performance and lifespan of your Home Energy Storage Battery. These services include battery maintenance, monitoring, and repair, as well as energy management consulting to help you optimize your energy usage and reduce your carbon footprint.

At Home Energy Storage Battery, we are committed to providing you with the highest level of support and service, so you can enjoy the benefits of clean and sustainable energy in your home.

## 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, Germany, EnglandAustralia, Russia, France and other European and Asia countries Fast delivery is one of our advantage,selecting a currentproducts from catalogue,or customized products,3~5days isthe normal time to prepare for the aoods.OEM & ODM orderscan 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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