

## 5.12kwh Lithium Iron Phosphate (LFP) Home Energy Storage Battery

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

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### Product Specification

- Single Battery Power: 5.12kwh
- Warranty: 5 Years
- Protection Grade: IP20
- Anode Material: LFP
- Battery Type: Lithium Ion, LiFePO4, Other
- Communication Port: CAN, RS232, RS485
- Rated Frequency: 50-60HZ
- OEM/ODM: Accepted
- Highlight: 5.12kwh Home Energy Storage Battery, LFP Home Energy Storage Battery

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### More Images



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## Product Description

### Product Description:

This Home Energy Storage Battery has a protection grade of IP20, which means it is dustproof and safe from water drops. You can place it anywhere in your home, and it will keep working efficiently without any issues.

The Enook Home Energy Storage Battery is an ideal choice for homes that require a reliable and efficient backup power source. With its high energy density, it can store a large amount of energy, which you can use to power your home during emergencies or when the power goes out.

The home energy storage battery is compatible with various communication ports, including CAN, RS232, and RS485. It means you can easily connect it to other devices and control it remotely.

Enook Home Energy Storage Battery is designed to work with a rated frequency of 50-60HZ. It provides a steady and reliable power supply to your home, ensuring that you never run out of power when you need it the most.

In addition to its excellent features, the Enook Home Energy Storage Battery is also available for OEM/ODM, which means you can customize it to meet your specific needs. If you need a unique energy storage solution for your home, this is the ideal product for you.

Overall, the Enook Home Energy Storage Battery is a reliable, efficient, and cost-effective power storage solution that can meet all your home energy needs. Whether you want to power your home during emergencies or reduce your energy bills, this Lifepo4 battery is the perfect choice for you.



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

### Features:

Product Name: Home Energy Storage Battery

Warranty: 5 Years

Protection grade: IP20

Input Battery Voltage Range: 40-58.4V

Communication Port: CAN, RS232, RS485

Battery Type: Lithium Ion, LiFePO4, Other (including lithium iron phosphate Battery, 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

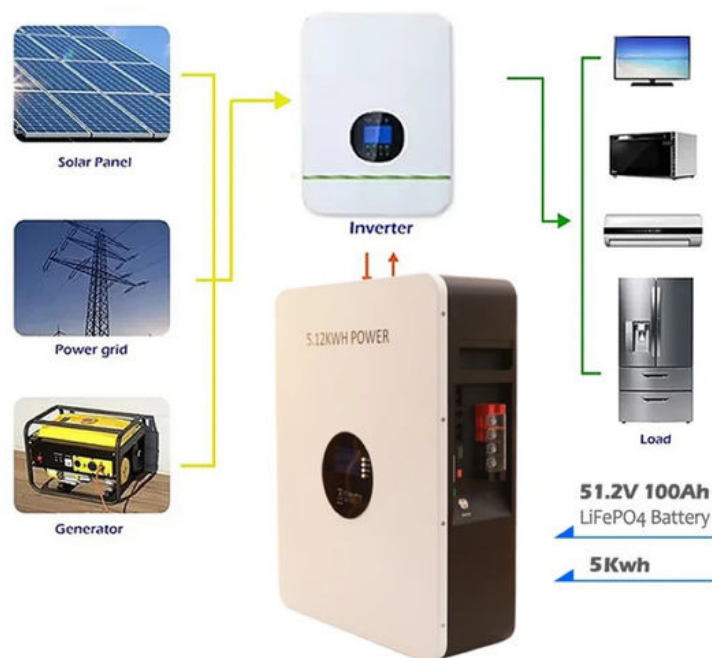
Compatibility  
Compatible with most inverters

Safety  
LFP + Circuit Breaker

Communication  
RS485/ CAN



**MSDS UN38.3**



## Technical Parameters:

Brand Name:	Enook
Energy Storage Battery Type:	PowerWall 51.2V 100Ah
Battery Type:	Lithium Ion, LiFePO4, Other

Anode Material:	LFP
Single Battery Power:	5.12kwh
Cycle Life:	6000 Times
Communication Port:	CAN,RS232,RS485
Protection Grade:	IP20
Dimension(L*W*H):	445*565*182mm
Warranty:	5 Years
OEM/ODM:	Accepted

**ENOOK<sup>®</sup>**

## 5KWH HOUSEHOLD ENERGY STORAGE BATTERY



### Applications:

The Enook Energy Storage Battery is available in different models, including the PowerWall 51.2V 100Ah, which is a popular choice among homeowners. This model is equipped with a Lithium Ion or LiFePO4 battery, which is known for its long cycle life of up to 6000 times. The battery is designed to work with a rated frequency of 50-60HZ, making it suitable for use in different regions around the world. The Enook Energy Storage Battery comes with a range of communication ports, including CAN, RS232, and RS485, which allow for easy integration with your home energy system. This makes it possible to monitor and control your energy usage, ensuring that you get the most out of your investment.

The Enook Energy Storage Battery is suitable for use in a range of applications and scenarios in the home. For example, it can be used to store energy generated from solar panels during the day, which can then be used to power your home at night. It can also be used to provide backup power in the event of a power outage, ensuring that you always have access to electricity when you need it.

In addition to these applications, the Enook Energy Storage Battery can also be used to power electric vehicles, making it a versatile and practical investment for homeowners looking to reduce their carbon footprint and save money on energy costs.

In conclusion, the Enook Energy Storage Battery is a reliable and efficient energy storage solution for homeowners. Whether you're looking to reduce your energy bills, reduce your carbon footprint, or simply ensure that you always have access to electricity, this product is a great investment. With its high-quality Lithium Ion or LiFePO4 battery and range of communication ports, it is suitable for a range of applications and scenarios in the home.

## 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 Product Customization Services for the Energy Storage Battery, PowerWall 51.2V 100Ah. Our batteries are made with LFP anode material and come from China. We accept OEM/ODM orders and provide communication ports such as CAN, RS232, and RS485. The dimensions of the Energy Storage Battery are 445\*565\*182mm.





### 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. Our team of experts is available to answer any questions you may have about installation, maintenance, and troubleshooting. We also offer regular software updates to improve the performance and efficiency of your battery. In addition, we provide warranty and repair services to give you peace of mind. Contact us for more information on how we can assist you with your Home Energy Storage Battery needs.

## Company Introduction

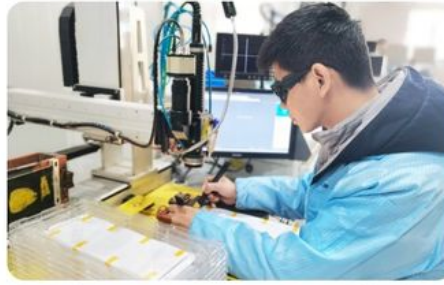
ChangSha Enook Technology Co., Ltd located is an outstanding solution service provider in Lithium Battery Management System(BMS) industry, focusing on the R&D, design, production and sales of Apexium DIY kits, BMS and battereis for more than 15 years. With its strength, it can provide customers with 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 goods,OEM & ODM orderscan be acceptable.

Please don't hesitate to contact us if you have any requirement, we'll provideour 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**



**Changsha Enook Technology Co., Ltd**



+8617752866093



wendy@enooktech.com



enookbattery.com

ROOM 1717, JIEZUO BUILDING, NO. 828, SECTION 1, FURONG SOUTH ROAD, TIANXIN DISTRICT,  
CHANGSHA, HUNAN