

5.12kWh Single Battery Home Energy Storage Battery LiFePO4 with 6000 Cycle Life

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



Product Specification

- Single Battery Power: 5.12kwh
- Input Battery Voltage Range: 40-58.4V
- Warranty: 5 Years
- Dimension(L*W*H): 445*565*182mm
- Cycle Life: 6000 Times
- Rated Frequency: 50-60HZ
- Communication Port: CAN,RS232,RS485
- Highlight: LiFePO4 Home Energy Storage Battery, 5.12kWh Home Energy Storage Battery



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Product Description

Product Description:

The Enook Home Energy Storage Battery is a top-of-the-line product that is designed to deliver exceptional performance and reliability. With its advanced energy storage technology, this battery is capable of storing and delivering large amounts of energy, making it ideal for use in homes, offices, and other settings where reliable energy storage is essential.

Our Product

Featuring a sleek and durable design, the Enook Home Energy Storage Battery is built to last. Its compact and lightweight form factor makes it easy to install and maintain, while its sturdy construction ensures that it can withstand the rigors of everyday use. The battery measures 445*565*182mm in dimension (L*W*H) and weighs only 56 kg, making it easy to transport and install. The Enook Home Energy Storage Battery is equipped with a range of advanced features that make it easy to use and maintain. It comes with a communication port that supports CAN, RS232, and RS485 protocols, allowing for easy integration with a wide range of devices and equipment. This battery is also designed to be highly efficient, with a low discharge rate and a high charge rate that ensures maximum energy efficiency and reliability. The Enook Home Energy Storage Battery is the perfect energy storage solution for anyone looking for a reliable and efficient way to store and deliver energy. Whether you are looking to power your home or office, or simply want a backup power source for emergencies, this battery is the perfect choice. With its advanced technology, powerful performance, and durable construction, the Enook Home Energy Storage Battery is the ultimate energy storage solution for any application. So if you are looking for a high-quality Energy Storage Battery that delivers exceptional performance and reliability, look no further than the Enook Home Energy Storage Battery. With its lithium iron phosphate Battery, PowerWall 51.2V 100Ah, and exceptional features, this battery is the perfect choice for anyone looking to store and deliver energy in a reliable and efficient way. Order yours today!

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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

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

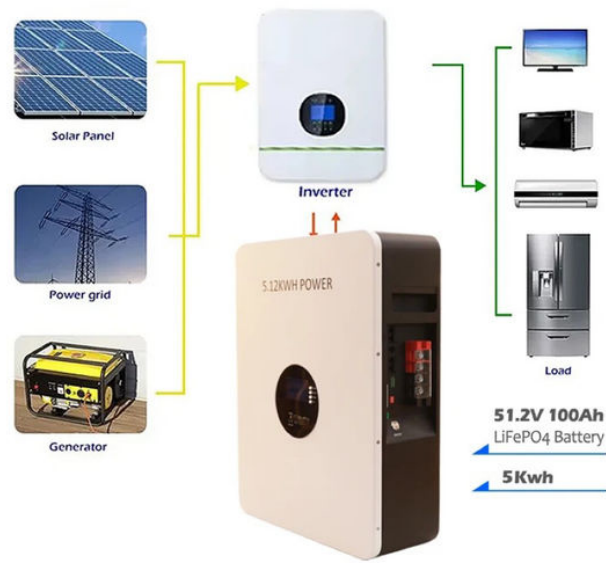
Protection grade: IP20

Warranty: 5 Years

Brand Name: Enook

Rated frequency: 50-60HZ
Battery Type: Lifepo4 battery, lithium iron phosphate Battery
Battery Voltage: PowerWall 51.2V
Battery Capacity: 100Ah

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Technical Parameters:

Rated Frequency	50-60HZ
Input Battery Voltage Range	40-58.4V
Dimension (L*W*H)	445*565*182mm
Warranty	5 Years
Protection Grade	IP20
Communication Port	CAN, RS232, RS485
Battery Type	Lithium Ion, LiFePO4, Other
Cycle Life	6000 Times
Anode Material	LFP

Single Battery Power

5.12kWh

Keywords: Lifepo4 battery, lithium iron phosphate Battery, PowerWall 51.2V 100Ah



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.

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Applications:

The enook Energy Storage Battery is a perfect fit for homes with solar panels, wind turbines, or other alternative energy sources. It can also be used as a backup power supply for households that experience frequent power outages.

The PowerWall 51.2V 100Ah model of the enook Energy Storage Battery has a dimension of 445*565*182mm and a protection grade of IP20. It is made of high-quality LFP (lithium iron phosphate) anode material, which is known for its long cycle life, high safety, and excellent thermal stability.

The enook Energy Storage Battery is a versatile product that can be used in various scenarios, such as:

Off-grid homes: the enook Energy Storage Battery can store excess energy generated by solar panels or wind turbines for later use. This allows homeowners to be self-sufficient and reduce their dependence on the grid.

Peak shaving: the enook Energy Storage Battery can help reduce peak demand charges by storing energy during off-peak periods and releasing it during peak periods.

Emergency backup: the enook Energy Storage Battery can provide backup power during power outages, ensuring that critical appliances such as refrigerators, lights, and medical devices stay operational.

EV charging: the enook Energy Storage Battery can be used to store excess energy generated by solar panels or wind turbines for charging electric vehicles.

The enook Energy Storage Battery comes with a 5-year warranty, which guarantees its quality and durability. With its advanced features and versatile applications, the enook Energy Storage Battery is an excellent investment for homeowners looking to reduce their energy costs and increase their energy independence.

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:

Customize your enook Energy Storage Battery with our product customization services. Our batteries are made with high-quality lithium iron phosphate (LiFePO4) technology, ensuring a long cycle life of up to 6000 times. Choose from a variety of communication ports including CAN, RS232, and RS485, to fit your unique energy storage needs. Our enook Energy Storage Battery is proudly made in China, with a rated frequency of 50-60HZ. For those looking for a personalized touch, we offer OEM/ODM services to make your battery uniquely yours.

ENOOK®

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**



Support and Services:

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

[Assistance with installation and setup](#)

[Troubleshooting and diagnosis of any issues](#)

[Regular software updates to ensure optimal performance](#)

[Remote monitoring and maintenance](#)

[24/7 customer support for any emergencies](#)

We are committed to providing top-notch technical support and services to our customers to ensure that their Home Energy Storage Battery operates efficiently and effectively.

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



香港郵政



中国邮政
CHINA POST



EXPRESS
顺丰速运



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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