

Long Cycle Life LFP Home Energy Storage Battery 5.12kWh Power

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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5KWH HOUSEHOLD ENERGY STORAGE BATTERY



Product Specification

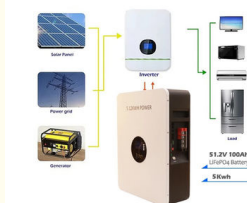
- Cycle Life: 6000 Times
- Single Battery Power: 5.12kwh
- Communication Port: CAN,RS232,RS485
- Rated Frequency: 50-60HZ
- Dimension(L*W*H): 445*565*182mm
- Anode Material: LFP
- OEM/ODM: Accpted
- Input Battery Voltage Range: 40-58.4V
- Highlight: 40-58.4V Home Energy Storage Battery, 5.12kWh Home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

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More Images

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Compact Size

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



Modular Design

Modular Design Meets The Best Customers The Power Of Choice At Capacity Ranges Up To 140kWh With Single Phase Module (10-140kWh) At Three Parallel Connections.

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:

With a dimension of 445*565*182mm, this battery is compact and lightweight, making it easy to install and maintain. It is designed to fit seamlessly into any home or business, providing a reliable source of energy backup in case of power outages or other emergencies. The Home Energy Storage Battery comes with a 5-year warranty, which guarantees its durability and reliability. It is manufactured in China, using the latest technology, and is available for OEM/ODM orders. This means that customers can customize the battery to meet their unique energy needs.

This battery has an input battery voltage range of 40-58.4V, which makes it compatible with a wide range of energy systems. It is designed to work seamlessly with the PowerWall 51.2V 100Ah, providing a reliable and efficient source of energy backup for homes and businesses.

In summary, the Home Energy Storage Battery is a reliable and efficient energy storage solution for residential and commercial properties. It is built with the latest lithium iron phosphate Battery technology, making it durable and efficient. With its compact size, 5-year warranty, and compatibility with the PowerWall 51.2V 100Ah, this battery is the perfect solution for anyone looking to reduce their energy bills and improve their energy efficiency.

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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

Features:

Product Name: Home Energy Storage Battery

Brand Name: Enook

Battery Type: Lithium Iron Phosphate Battery

Cycle Life: 6000 times

Communication Port: CAN, RS232, RS485

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

Protection Grade: IP20

This product is an **Energy Storage Battery** designed to provide long-lasting power for your home or business. With a cycle life of 6000 times, you can trust that this **Energy Storage Battery** will be a reliable source of power for years to come. It also features communication ports such as CAN, RS232, and RS485 for easy integration with your existing energy management system. The dimensions of this battery are 445*565*182mm, and it has a protection grade of IP20 to ensure safe and optimal performance.

**5KWH HOUSEHOLD
ENERGY STORAGE 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

A photograph of a single Enook 5.12kWh power battery unit. The unit is white with a black front panel and a circular display. It is standing on a white surface in front of a display rack filled with various electronic components.

MSDS **UN38.3**

Technical Parameters:

Anode Material	LFP
Protection grade	IP20
Communication Port	CAN, RS232, RS485

Warranty	5 Years
OEM/ODM	Accepted
Dimension (L*W*H)	445*565*182mm
Single Battery Power	5.12kWh
Place of Origin	China
Cycle Life	6000 Times
Input Battery Voltage Range	40-58.4V

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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.

Applications:

The enook Energy Storage Battery features different battery types, including Lithium Ion, LiFePO4, and others that offer high performance and durability. The LiFePO4 battery, in particular, is known for its long lifespan, high energy density, and safety features.

The product's Protection grade is IP20, which provides excellent protection against dust and water ingress. The communication port of enook Energy Storage Battery includes CAN, RS232, RS485, allowing for seamless integration with other systems.

The single battery power of enook Energy Storage Battery is 5.12kwh, making it suitable for various home energy storage applications.

The input battery voltage range of 40-58.4V makes it compatible with different solar panel setups.

The enook Energy Storage Battery is ideal for use in the following home energy storage application scenarios:

Off-grid Solar Energy Storage: The enook Energy Storage Battery is ideal for off-grid solar energy storage systems. It allows homeowners to store excess solar energy during the day and use it at night or when there is no sunlight. The LiFePO4 battery type ensures that the system provides reliable and long-lasting energy storage.

Backup Power: The enook Energy Storage Battery is an excellent backup power solution for homeowners. It provides uninterrupted power supply during power outages, ensuring that essential appliances such as refrigerators, lighting, and communication devices remain functional.

Peak Shaving: The enook Energy Storage Battery can help homeowners reduce their electricity bills by optimizing energy usage during peak hours. By storing excess energy during off-peak hours and using it during peak hours, homeowners can reduce their electricity bills significantly.

Mobile Home Energy Storage: The enook Energy Storage Battery is an excellent energy storage solution for mobile homes, RVs, and boats. Its compact size and high energy density make it easy to install and use in different mobile scenarios.

In summary, the enook Energy Storage Battery is a high-quality, versatile product that offers exceptional energy storage solutions for various home energy storage applications. With its LiFePO4 battery, PowerWall 51.2V 100Ah, and other advanced features, it is an excellent investment for homeowners looking to optimize their energy usage and reduce electricity bills.

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 to fit your specific needs:

Brand Name: enook

Model Number: Energy Storage Battery

Place of Origin: China

Rated Frequency: 50-60HZ

Warranty: 5 Years

Communication Port: CAN, RS232, RS485

Anode Material: LFP (lithium iron phosphate)

Input Battery Voltage Range: 40-58.4V

Capacity: PowerWall 51.2V 100Ah

Get the most out of your PowerWall 51.2V 100Ah lithium iron phosphate Battery with customized settings for your enook Energy Storage Battery.



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.

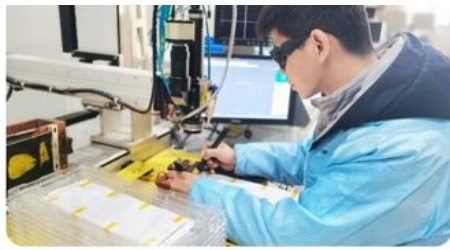
Quality first is our principle,Satisfying all our customers is ourtenet,win-win business is our aim.Dedicated to strict qualitycontrol and thoughtful customer service,our experiencedstaff members are always available to discuss eachdetailed requirements from customer and ensure fullcustomer satisfaction.

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.

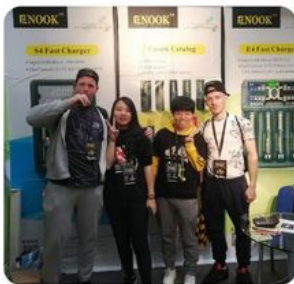
Please don't hesitate to contact us if you have any requirement, we'll provideour best service to you.

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**



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