

Hot Selling in European Market 51.2V 100AH 5.12KWH Lifepo4 Battery Energy Storage Battery for Home

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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- 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

Product Specification

- Rated Frequency: 50-60HZ
- Warranty: 5 Years
- Cycle Life: 6000 Times
- Dimension(L*W*H): 445*565*182mm
- Single Battery Power: 5.12kwh
- Battery Type: Lithium Ion, LiFePO4, Other
- Highlight: 51.2V Lifepo4 Battery, 100AH Lifepo4 Battery, 5.12KWH Lifepo4 Battery

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More Images

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Compact Size

High Energy Density Battery, Standard Bracket
Preventive Shock Protection, Light Weight,
Compact Size Makes Transport Easier
To Handle

Modular Design

Modular Design Makes The Best Customers
The Power Of Backup And Energy And Up
To 16 Units With Single Bus Product
Can Be Used For Parallel Connection

Long Life and Safety

Vertical Industry Integration Ensures More
Than 6000 Cycles With 50% Self-Discharge
Utilizes Top-Grade Battery Cells

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Product Description

Product Description:

Enook is a trusted brand in the energy storage industry, known for their high-quality products and commitment to customer satisfaction. Whether you are looking for a standalone battery system or need a customized solution, Enook's OEM/ODM services ensure that your needs are met.

This Home Energy Storage Battery boasts an impressive cycle life of 6000 times, meaning it can be charged and discharged thousands of times before needing to be replaced. This makes it a cost-effective and environmentally friendly choice compared to traditional lead-acid batteries.

One of the key features of this battery is its anode material - LFP or Lithium Iron Phosphate. This material provides superior performance and safety compared to other types of lithium-ion batteries, making it a popular choice for energy storage applications. LFP batteries are known for their long cycle life, high energy density, and resistance to thermal runaway, which can lead to fires or explosions.

Overall, the Home Energy Storage Battery by Enook is a reliable and efficient energy storage solution for your home or business. With its long cycle life, high-quality components, and customizable options, it is a top choice for anyone looking to invest in a Lifepo4 battery for their energy storage needs.

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Features:

Product Name: Home Energy Storage Battery

Communication Port: CAN, RS232, RS485

Protection Grade: IP20

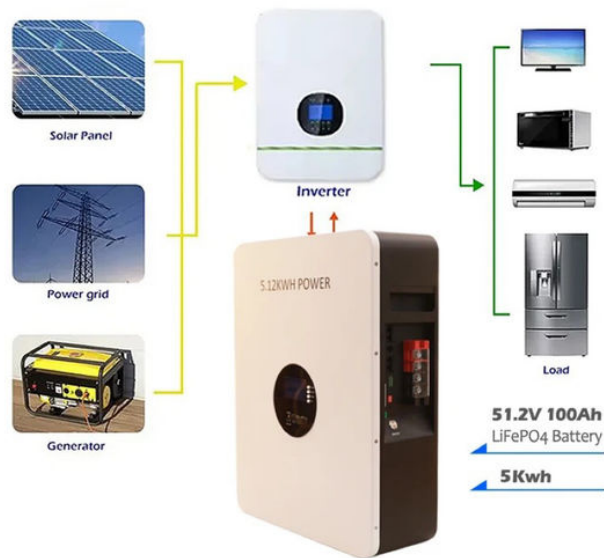
Battery Type: Lithium Ion, Lithium Iron Phosphate (LiFePO4), Other

Rated Frequency: 50-60HZ

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

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Applications:

The Enook Energy Storage Battery is suitable for a variety of applications, including residential, commercial, and industrial uses. It can be used as a backup power source during power outages, or to store excess solar energy for later use. Additionally, it can be used to reduce peak demand charges by storing energy during off-peak hours and releasing it during peak hours.

One of the most popular models of Enook Energy Storage Battery is the PowerWall 51.2V 100Ah. This model is perfect for residential use, providing reliable and long-lasting power to homes. It is also ideal for small businesses and offices that require backup power in case of outages.

The Enook Energy Storage Battery is easy to install and can be integrated with other solar systems. It is also compatible with most inverters and charge controllers, making it a versatile option for a variety of applications.

Overall, the Enook Energy Storage Battery is a reliable and efficient solution for home energy storage. With its long lifespan and high-quality materials, it is a cost-effective investment for any home or business owner. So, whether you're looking to reduce your energy bills, increase your energy independence, or simply have a backup power source, the Enook Energy Storage Battery is the perfect 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.



5KWH HOUSEHOLD ENERGY STORAGE BATTERY



Customization:

Enook offers product customization services for the Energy Storage Battery, a high-quality Lifepo4 battery used as an alternative power source for homes. The model number of the battery is PowerWall 51.2V 100Ah, and it is manufactured in China. Enook accepts OEM and ODM orders for the Energy Storage Battery, allowing clients to tailor the product to their specific needs. The battery comes with a 5-year warranty, ensuring its durability and longevity. The anode material used in the Energy Storage Battery is LFP, a type of lithium iron phosphate Battery that provides stable and reliable power output.



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.



Support and Services:

Our Home Energy Storage Battery product comes with technical support and services to ensure you get the most out of your investment. Our team of experts is available to assist you with any issues or questions you may have regarding the installation, maintenance, and operation of your battery system.

We offer comprehensive product training to educate you on the proper use and care of your battery system. Additionally, we provide regular software updates to ensure your system is always running at peak performance.

If you require any repairs or replacements, our team is available to provide quick and efficient service to minimize any downtime. We also offer warranty coverage to protect your investment and give you peace of mind.

At our company, we prioritize customer satisfaction and are committed to providing top-quality technical support and services to ensure you have a positive experience using our Home Energy Storage Battery product.

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

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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