



5.12kwh Single Battery LiFePO4 Home Energy Storage Battery with IP20 Protection Grade

Our Product Introduction

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Basic Information

- Place of Origin: china
- Brand Name: enook
- Model Number: Energy Storage Battery

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Product Specification

- Battery Type: Lithium Ion, LiFePO4, Other
- Single Battery Power: 5.12kwh
- Communication Port: CAN, RS232, RS485
- Application: Home Solar Power System
- Anode Material: LFP
- OEM/ODM: Accepted
- Dimension(L*W*H): 445*565*182mm
- Protection Grade: IP20
- Highlight: LiFePO4 Home Energy Storage Battery, IP20 Home Energy Storage Battery, 5.12kwh Home Energy Storage Battery

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- High efficiency LFP battery cell
- Suitable for multiple inverters
- Long cycle, Low attenuation
- Equipped with a dedicated bracket
- up to 16 battery packs in parallel

More Images

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Product Description

Product Description:

The Home Energy Storage Battery has a single battery power of 5.12kwh, which makes it suitable for powering homes and small businesses. The Lifepo4 battery, which is a type of Lithium Ion battery, is known for its high energy density, long lifespan, and safety features. The PowerWall 51.2V 100Ah is a popular Lifepo4 battery that is used in the Home Energy Storage Battery. The Home Energy Storage Battery is a smart product that comes with advanced features such as remote monitoring and control. This allows users to monitor their energy usage and control their energy storage remotely using their smartphones or other devices. The product is also designed with safety features such as overcharge and over-discharge protection, as well as short circuit protection. In summary, the Home Energy Storage Battery is a reliable and efficient energy storage solution that is suitable for both residential and commercial use. Its features such as the Lifepo4 battery, PowerWall 51.2V 100Ah, and smart capabilities make it a popular choice for those looking to reduce their energy costs and be more environmentally friendly.

ENOOK®



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

Single Battery Power: 5.12kwh

Feature: Smart

Brand Name: Enook

Cycle Life: 6000 Times

Application: Home Solar Power System

Battery Type: Lifepo4 battery

**5KWH HOUSEHOLD
ENERGY STORAGE BATTERY**



Battery Type	Lithium Ion
Output Power Range	10~20 kWh
System Type	Wall-mounted, Stackable, Rack-mounted
Customized support	Software reengineering
Network	SDK, NFC
Type	DC/DC Converters, DC/AC Inverters
Output Type	Single, DUAL, Triple, Quad, Multiple
Output Frequency	50/60Hz
Size	440*300*110mm
Weight	9.5kg
Product name	Hybrid solar inverter
Rated power	5KW
Output voltage wave form	Pure sine wave

Applications:

One of the best applications of this product is for home energy storage. The Enook Energy Storage Battery can be used as a backup power source for households during power outages. It can store up to 5.12kwh of power, which is enough to power a small home for several hours. It is a perfect alternative to the expensive and bulky PowerWall 51.2V 100Ah.

The Enook Energy Storage Battery can also be used in remote areas where there is no electricity. It can power small appliances such as lights, refrigerators, and fans. It is also a great option for camping trips where there is no access to electricity.

Another application of the Enook Energy Storage Battery is for electric vehicles. It can be used as a backup power source for electric vehicles in case the primary battery runs out of power. This is especially useful for long-distance trips where there are no charging stations available.

The Enook Energy Storage Battery can also be used in commercial and industrial settings. It can be used as a backup power source for critical equipment such as servers and data centers. It can also be used to store excess solar energy generated by solar panels.

In conclusion, the Enook Energy Storage Battery is a versatile and reliable product that can be used in various occasions and scenarios. Its ability to store up to 5.12kwh of power and its compatibility with different types of batteries make it an excellent choice for home energy storage, camping, and electric vehicles. Its application extends to commercial and industrial settings where it can be used as a backup power source. The Enook Energy Storage Battery is a great alternative to expensive and bulky PowerWall 51.2V 100Ah and is a great investment for anyone who values reliable and affordable power storage.

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 unique needs! Our product comes with the following customization options:

Battery Type: Lithium Ion, LiFePO4, Other (choose the one that suits you best)

Anode Material: LFP (lithium iron phosphate Battery)

Communication Port: CAN, RS232, RS485 (select the one that works with your system)

OEM/ODM: Accepted (if you have specific requirements for your battery, we can accommodate them)

Feature: Smart (our Energy Storage Battery is equipped with smart technology to optimize performance)

Our enook Energy Storage Battery is made in China and has a model number of PowerWall 51.2V 100Ah. Trust us to help you create the perfect Energy Storage Battery for your home or business needs!



Support and Services:

Our Home Energy Storage Battery product comes with comprehensive technical support and services to ensure your satisfaction and peace of mind.

Our team of experienced technicians is available to assist you with any technical issues or questions you may have regarding installation, maintenance, and troubleshooting of the product.

We also offer a range of services, including:

Remote monitoring and diagnosis of your system to detect any issues before they become major problems.

Regular maintenance and upgrades to ensure your system is operating at peak performance.

24/7 customer support to address any concerns or questions you may have.

Training and education to help you better understand how your system works and how to optimize its performance.

At our company, we are committed to providing our customers with the highest level of technical support and services to ensure that your Home Energy Storage Battery product operates smoothly and efficiently for years to come.



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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