



PowerWall 51.2V 100Ah battery Long Cycle Life Lithium Ion Home Energy Storage Battery

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

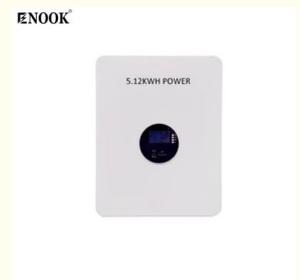


Product Specification

- Battery Type: Lithium Ion, LiFePO4, Other
- Protection Grade: IP20
- Communication Port: CAN, RS232, RS485
- Dimension (L*W*H): 445*565*182mm
- Rated Frequency: 50-60HZ
- Warranty: 5 Years
- Cycle Life: 6000 Times
- Highlight: 50-60HZ Home Energy Storage Battery, IP20 Rated Home Energy Storage Battery



More Images



Product Description:

The Home Energy Storage Battery is equipped with a powerful and efficient Lifepo4 battery that is designed to last for years. With a rated frequency of 50-60Hz and dimensions of 445x565x182mm, this battery is the perfect size for most homes and can be easily installed by a professional electrician.

With an IP20 protection grade, the Home Energy Storage Battery is designed to withstand even the harshest weather conditions. Whether you live in a hot and humid climate or a cold and snowy one, this battery is built to last and will provide you with reliable power when you need it most.

The Home Energy Storage Battery is also highly customizable, with OEM and ODM options available. Whether you need a larger or smaller battery, or one with different specifications, we can work with you to create the perfect solution for your home.

Overall, if you're looking for a reliable, efficient and cost-effective energy storage solution for your home, the Home Energy Storage Battery is the perfect choice. With its PowerWall 51.2V 100Ah battery and advanced features, this battery will help you save money on your energy bills and reduce your carbon footprint, all while providing you with reliable power 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.



Features:

Product Name: Home Energy Storage Battery

Anode Material: LFP (lithium iron phosphate Battery)

Input battery voltage range: 40-58.4V

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

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

Single Battery power: 5.12kwh

This Energy Storage Battery is made with lithium iron phosphate Battery technology and has a single battery power of 5.12kwh. It has a battery voltage range of 40-58.4V and dimension of 445*565*182mm. The battery type is Lithium Ion, LiFePO4, Other, all of which use lithium iron phosphate Battery.

5KWH HOUSEHOLD ENERGY STORAGE BATTERY



Technical Parameters:

Battery Type	Lithium Iron Phosphate Battery (LFP)
Protection Grade	IP20
Dimension(L*W*H)	445*565*182mm
Rated Frequency	50-60HZ
Warranty	5 Years
Communication Port	CAN, RS232, RS485
Place of Origin	China
Input Battery Voltage Range	40-58.4V
OEM/ODM	Accepted
Anode Material	LFP

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

IEC MSDS UN38.3



ENOOK®



Applications:

1. Residential Usage: Enook Energy Storage Battery is ideal for residential usage, especially in areas where power outages are prevalent. The product can store energy during the daytime and provide a reliable source of energy during the night. It is also useful in areas where the power grid is unreliable, enabling homeowners to have a reliable source of energy all the time.
2. Commercial Usage: Enook Energy Storage Battery is also suitable for commercial usage, especially in areas where power outages can lead to significant losses. The product can provide a reliable source of energy to businesses, ensuring that operations continue even during power outages.

3. Industrial Usage: Enook Energy Storage Battery is also suitable for industrial usage, especially in areas where energy demand is high. The product can store energy during low-demand periods and provide a reliable source of energy during high-demand periods, ensuring that industrial operations continue without interruptions.

4. Emergency Usage: Enook Energy Storage Battery is also useful in emergency situations, such as natural disasters or power grid failures. The product can provide a reliable source of energy to power critical appliances, such as refrigerators, medical equipment, and communication devices.

5. Off-Grid Usage: Enook Energy Storage Battery is also ideal for off-grid usage, such as in rural areas or remote locations. The product can store energy from renewable sources, such as solar or wind, and provide a reliable source of energy to power homes or businesses. Enook Energy Storage Battery is a high-quality product that is designed and manufactured in China. It has an input battery voltage range of 40-58.4V, a cycle life of 6000 times, and a single battery power of 5.12kwh. These features make it a reliable and efficient product that is suitable for various scenarios and occasions.

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:

Enook offers product customization services for the Energy Storage Battery, a high-quality Lifepo4 battery designed to store energy for home use. Our batteries are built to last, with a 5-year warranty and a durable IP20 protection grade. Made in China, this battery has a dimension of 445*565*182mm and an input battery voltage range of 40-58.4V. Trust Enook to provide you with the highest quality Energy Storage Battery customized to your specifications.



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

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 questions or concerns you may have regarding the installation, operation, and maintenance of your energy storage system.

We provide comprehensive training on the features and functionalities of our product to help you optimize your energy usage and reduce your electricity bills. Our services include regular maintenance and software updates to keep your system running smoothly and efficiently.

If you ever encounter any issues with your Home Energy Storage Battery, our technical support team is available 24/7 to provide prompt assistance and resolve any problems you may have. We strive to provide quick and effective solutions to ensure your satisfaction and peace of mind.

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, ect. 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.

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



ENOOK 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