

Solar Energy Storage System LifePO4 Lithium Battery Pack 51.2V

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: enook
- Certification: CE/ROHS/UN38.3/MSDS/DGC
- Model Number: energy storage system



Product Specification

- Product Size(mm): 990mm*550mm*245mm
- Max of Paralle: 15PCS
- Battery Type: LifePO4 Lithium Battery Pack
- Nominal Voltage: 51.2V
- Cycle: 3000~6000cycles @DOD 80%/25°C/0.5C
- Size: Customizable
- Protection Level: IP20
- Highlight: **LifePO4 Solar Energy Storage System,
51.2V Solar Energy Storage System**



More Images



Product Description:

In the quest to harness the power of the sun to its fullest potential, having the best battery for solar power storage is not just an amenity, it's a necessity. The Solar Energy Storage System we offer has been meticulously designed to meet this need, providing a robust and reliable solution for your house energy storage requirements. With a considerable weight of 90KG, this system is a testament to the substantial capacity and durability it promises to users who are serious about their energy independence.

Our Solar Energy Storage System boasts an impressive output power range of 10 to 20 Kwh, ensuring that you have access to ample energy whenever it's needed. The flexibility of the output power allows for a wide variety of applications, whether it's for daily household energy demands or as a backup power source during outages. The system is designed to cater to the varying needs of modern homes, making it an excellent investment for those looking to enhance their home energy solutions.

Durability and longevity are key considerations when selecting the best battery for solar power storage. Our system delivers on both counts, with a cycle life of 3000 to 6000 cycles at a Depth of Discharge (DOD) of 80%, at a temperature of 25°C, and a discharge rate of 0.5C. This means that you can expect our battery to provide consistent performance over many years, reducing the need for frequent replacements and offering you peace of mind that your investment is sound.

The protection level of IP20 indicates that the system is designed to prevent the ingress of solid objects larger than 12.5mm, ensuring that the internal components are safeguarded against accidental contact and certain environmental factors. While the unit is not waterproof, its design is well-suited for indoor installations where it can operate safely and efficiently, protected from the harsh elements.

Safety and compliance are paramount in the design and distribution of energy storage systems, and our product meets the highest standards with certifications such as CE, ROHS, UN38.3, MSDS, and DGC. These certifications are not just stickers on a box; they represent our commitment to quality, safety, and environmental responsibility. They ensure that our Solar Energy Storage System is built to conform with the strict regulations and standards set by the industry, giving you the confidence to choose our system as the cornerstone of your solar power setup.

The Solar Energy Storage System is not only a powerhouse in terms of performance but also a model of efficiency and reliability. As the best battery for solar power storage, it's engineered to seamlessly integrate with your existing solar panels, converting and storing solar energy with exceptional proficiency. This means that your house energy storage concerns are comprehensively addressed, allowing you to enjoy the benefits of solar power even when the sun isn't shining.

To sum up, our Solar Energy Storage System is the ultimate solution for homeowners who are looking to maximize their utilization of solar energy. With its substantial output power range, extended cycle life, and rigorous certification standards, this system is poised to transform the way you think about and use solar power. By choosing our Solar Energy Storage System, you're not just purchasing a product; you're investing in a sustainable future for your home and for the planet.

DKL-ENERGY STORAGE LITHIUM BATTERY

VERTICAL



Features:

Product Name: Solar Energy Storage System

Max of parallel: 15PCS

Grid connection: Hybrid Grid

Product Size(mm): 990mm*550mm*245mm

Warranty: 5~10 Years

Size: Customizable

Designed for house energy storage

Advanced battery storage system for solar

Efficient and reliable solar energy storage system

FEATURES AND DETAILS



Applications:

The enook energy storage system, with its origins from China, presents a versatile solution for a myriad of applications, harnessing solar power and efficiently managing it through advanced battery storage technology. This system, model number energy storage system, has been rigorously tested and boasts certifications such as CE, ROHS, FCC, UN38.3, and MSDS, ensuring its reliability and safety for users worldwide.

As house energy storage becomes increasingly crucial in the modern era of energy conservation and sustainable living, the enook energy storage system offers an output power range of 10 to 20 Kwh, which is substantial for most residential needs. The LifePO4 Lithium Battery Pack integrated into the system ensures longevity and performance, with a cycle life of 3000 to 6000 cycles at DOD 80%/25°C/0.5C, providing homeowners with a dependable source of energy over the years.

The battery storage system for solar applications is particularly beneficial in regions with intermittent power supply or for those looking to reduce their carbon footprint. The enook energy storage system, weighing in at 90KG, can seamlessly integrate with existing solar installations, enhancing energy independence by storing excess solar energy generated during peak sunlight hours for use during the night or on cloudy days.

Moreover, the capability to connect up to 15PCS of these systems in parallel maximizes the scalability and adaptability of the enook energy storage system to cater to larger energy requirements, such as in community housing projects, remote off-grid locations, or even small-scale commercial establishments that prioritize green energy solutions.

Whether it's for daily use in a residential setting, as a backup power source in emergency situations, or to ensure uninterrupted power in off-grid vacation homes, the enook energy storage system stands out as a sustainable and efficient solution for managing solar power and battery storage needs across various scenarios and occasions.



Customization:

Brand Name: enook

Model Number: energy storage system

Place of Origin: China

Certification: CE, ROHS, FCC, UN38.3, MSDS

Product Size(mm): 990mm*550mm*245mm

Grid Connection: Hybrid Grid

Max. of Parallel: 15PCS

Protection Level: IP20

Output Power Range: 10~20 Kwh

Experience the pinnacle of **house energy storage** with the enook energy storage system. Engineered to be the **best battery for solar power storage**, this system seamlessly integrates with your solar power setup. With a robust certification including CE, ROHS, FCC, UN38.3, and MSDS, safety and reliability are assured. Whether you're looking to enhance your solar power efficiency or seeking a dependable **solar power and battery storage** solution, the enook energy storage system, originating from China, is your versatile and powerful choice.

item	value
Battery Type	Lithium Ion
Model Number	DKL48100
Brand Name	OEM
Place of Origin	China
	Anhui
Output Power Range	10~20 kWh
Dimension (L*W*H)	990mm* 550mm*245mm
Weight	90KG
System Type	Wall-mounted
Communication Port	CAN, RS232, RS485
Protection Class	IP20
Grid connection	Hybrid grid
Working humidity	65±20%RH
Operating temperature	- 10~+50°C
Installation	Stack installation
Maxof parallel	15PCS
Warranty	5~ 10 Years
Certified	CE ROHS FCC UN38 .3 MSDS
Cycle	3000~6000cycles @DOD 80%/25°C/0 . 5C
Application	Home Appliances



Support and Services:

Our Solar Energy Storage System comes with comprehensive technical support and services designed to ensure the maximum performance and reliability of your product. Our support includes:

Installation Guidance: Detailed instructions and support for setting up your energy storage system efficiently and safely.

User Manual: A comprehensive guide covering all aspects of product use, maintenance, and troubleshooting to help you get the most out of your solar energy system.

Technical Assistance: Access to our team of experts who can provide technical assistance and answer any questions you may have about the operation or maintenance of your system.

Maintenance Support: Guidelines and support for routine checks and maintenance to ensure your system continues to operate optimally over its lifespan.

Warranty Service: Information on the warranty coverage for your system and instructions on how to make a claim if necessary.

Software Updates: Notifications and support for installing the latest software updates to keep your system running with the most current features and improvements.

Remote Monitoring Support: Assistance with setting up and using remote monitoring tools to keep track of your system's performance from anywhere.

Emergency Support: Guidance on how to handle unexpected issues or emergencies to minimize downtime and protect your investment.

Our dedicated support team is committed to providing you with the highest level of service to ensure that your Solar Energy Storage System meets your energy needs effectively and efficiently.

PRODUCT SPECIFICATION



Packing and Shipping:

Product Packaging for Solar Energy Storage System:

Our Solar Energy Storage System is carefully packaged to ensure its safe arrival. The system components are encased in protective foam padding and placed inside a durable, eco-friendly cardboard box. The packaging includes a reinforced exterior to withstand the rigors of transport, along with moisture-resistant seals to protect against the elements. Each package is clearly labeled with handling instructions and the contents within to facilitate proper transportation.

Shipping Details for Solar Energy Storage System:

We take great care in shipping our Solar Energy Storage System to ensure timely and secure delivery. Our shipping partners are selected for their reliability and commitment to sustainable practices. The system is shipped via ground transportation as a default option, with expedited and international shipping available upon request. Tracking information will be provided to monitor your shipment's progress. Upon arrival, please inspect the package for any signs of damage.

and report immediately to our customer service team for assistance.

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 Europen 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



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 Eeook Technology Co., Ltd

+8617752866093 wendy@eooktech.com eookbattery.com

ROOM 1717, JIEZUO BUILDING, NO. 828, SECTION 1, FURONG SOUTH ROAD, TIANXIN DISTRICT, CHANGSHA, HUNAN