

Hybrid Grid Solar Energy Storage System 10~20 Kwh Output Power 15PCS Paralle LifePO4 Lithium Battery Pack

Our Product Introduction

for more products please visit us on enookbattery.com

Basic Information

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



Product Specification

- Grid Connection: Hybrid Grid
- Output Power Range: 10~20 Kwh
- Working Humidity: 65+20%RH
- Max of Paralle: 15PCS
- Battery Type: LifePO4 Lithium Battery Pack
- Cycle: 3000~6000cycles @DOD 80%/25°C/0.5C
- Nominal Voltage: 51.2V
- Warranty: 5~10 Years
- Highlight: LifePO4 Solar Energy Storage System,
15PCS Solar Energy Storage System,
Hybrid Grid Solar Energy Storage System



More Images



DKL-ENERGY STORAGE
LITHIUM BATTERY



FEATURES
AND DETAILS



Vertical Energy Storage
Lithium Battery



Product Description

Product Description:

The innovative Solar Energy Storage System is a cutting-edge solution designed to harness the power of the sun and provide reliable energy storage for residential and commercial applications. This system embodies the essence of sustainable energy management through its advanced technology and robust design, ensuring that you get the best battery for solar power storage. With a focus on durability and performance, the solar power and battery storage system comes with an impressive warranty of 5 to 10 years, offering peace of mind and a guarantee of long-term reliability.

At the heart of the Solar Energy Storage System lies its exceptional cycle life, boasting 3000 to 6000 cycles at 80% Depth of Discharge (DOD) while operating at a standard temperature of 25°C and at a rate of 0.5C. This remarkable cycle life underpins the system's ability to provide consistent, long-lasting energy storage, positioning it as the best battery for solar power storage in the market. The system's longevity and endurance mean that you will have a dependable source of energy for years to come, reducing the need for frequent replacements and offering an excellent return on investment.

The Solar Energy Storage System excels in various environmental conditions, maintaining optimal performance with a working humidity of 65±20%RH. This level of humidity tolerance ensures that the system remains resilient and stable, even in areas where humidity levels can fluctuate significantly. The robust build and careful engineering of the system safeguard it against the adverse effects of moisture, contributing to its extended lifespan and consistent functionality.

Flexibility and scalability are at the core of the Solar Energy Storage System design. It can be expanded effortlessly with the capability to connect up to 15PCS in parallel. This feature allows for significant customization depending on your energy needs, whether you're looking to power a small, off-grid cabin or a large, energy-intensive commercial facility. The ability to scale up the system ensures that it can grow with your energy demands, making it a future-proof investment for anyone interested in solar power and battery storage.

Despite its powerful features, the Solar Energy Storage System maintains a compact and manageable weight of 90KG, which is a remarkable achievement for a battery storage system for solar of this caliber. The system's weight has been optimized to balance ease of installation with the robustness required for secure energy storage. Specialists and DIY enthusiasts alike will appreciate the practicality of this design, as it facilitates transportation, handling, and installation without compromising on capacity or performance.

The Solar Energy Storage System is more than just a battery; it is a comprehensive energy solution that integrates seamlessly into your solar power setup. It stores excess energy generated during peak sunlight hours and makes it available for use during nighttime or overcast days, ensuring that your reliance on the grid is minimal. This capability is a game-changer for those seeking energy independence and a reduced carbon footprint. By choosing this system, you are not only investing in a top-tier battery storage system for solar, but you are also contributing to a greener and more sustainable future.

To sum up, the Solar Energy Storage System offers an impressive combination of durability, flexibility, and efficiency. Its long warranty, exceptional cycle life, and the ability to withstand a variety of environmental conditions make it the premier choice for anyone looking for the best battery for solar power storage. Whether you are new to solar or looking to upgrade your current system, this solar energy storage solution is designed to meet and exceed your expectations, delivering unmatched performance that stands the test of time.

DKL-ENERGY STORAGE LITHIUM BATTERY

VERTICAL



Features:

Product Name: Solar Energy Storage System

Key Feature: Integrates solar power and battery storage

Best Battery Technology: Utilizes the best battery for solar power storage

Working Humidity: 65+20%RH

Certification: CE/ROHS/UN38.3/MSDS/DGC

Protection Level: IP20

Weight: 90KG

Size: Customizable

Efficiency: Optimized for solar power and battery storage



Applications:

The enook energy storage system, originating from China, is a state-of-the-art solution for modern power needs, offering an environmentally friendly and efficient way to store energy. With its CE/ROHS/UN38.3/MSDS/DGC certifications, this system is a safe and reliable option for a variety of applications. The customizable size and IP20 protection level ensure that it can be tailored to meet specific requirements, while the ability to parallel up to 15 units allows for significant scalability. The output power range of 10~20 Kwh makes it suitable for a wide array of uses.

One of the primary application occasions for the enook energy storage system is in residential settings. As a house energy storage unit, it provides homeowners with the ability to harness solar power and battery storage to maintain a consistent energy supply. This is particularly useful in areas with unreliable power grids or frequent power outages. Homeowners can enjoy uninterrupted power for appliances and critical systems, ensuring comfort and security regardless of external power fluctuations.

Another scenario where the enook energy storage system shines is in remote locations where connecting to the grid is impractical or impossible. These solar energy storage systems can be used in off-grid cabins, research stations, and remote communities, providing a dependable source of electricity that can be generated from the sun. This not only reduces the reliance on fossil fuels but also minimizes the environmental impact of energy consumption in sensitive ecosystems.

Commercial operations can also benefit from the enook energy storage system, particularly those that require a consistent and reliable source of power. Businesses can integrate solar power and battery storage to reduce operating costs, decrease their carbon footprint, and ensure that critical systems remain operational even during power outages. This is especially valuable for industries such as agriculture, where solar energy storage systems can power irrigation, ventilation, and other essential equipment.

The versatility of the enook energy storage system also extends to emergency preparedness. Government buildings, hospitals, and disaster relief organizations can incorporate these units into their contingency plans. In the event of a natural disaster or other emergency situations, having a robust solar energy storage system ensures that vital services can continue without interruption, aiding in rescue and recovery efforts. Overall, the enook energy storage system is a versatile and powerful solution for anyone looking to incorporate solar power and battery storage into their energy plan. Its customizable features and robust build make it a prime choice for a myriad of applications, from personal to professional, ensuring energy independence and sustainability.

PRODUCT SPECIFICATION



Customization:

Brand Name: enook

Model Number: energy storage system

Place of Origin: China

Certification: CE/ROHS/UN38.3/MSDS/DGC

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

Working Humidity: 65+20%RH

Cycle Life: 3000~6000cycles @DOD 80%/25°C/0.5C

Nominal Voltage: 51.2V

Discover the enook solar energy storage system, the best battery for solar power storage, designed to optimize your house energy storage needs. Crafted with precision in China, this energy storage system upholds the highest standards with CE/ROHS/UN38.3/MSDS/DGC certification. The robust enook model features an impressive cycle life of 3000~6000 cycles at DOD 80%/25°C/0.5C, ensuring long-lasting reliability and efficiency. With a nominal voltage of 51.2V and optimal working humidity conditions of 65+20%RH, it is the perfect addition to your solar power solutions. The compact product dimensions of 990mm*550mm*245mm make it an ideal choice for households looking for a powerful yet space-efficient energy storage system.

PRODUCT SPECIFICATION



Support and Services:

Our Solar Energy Storage System comes with comprehensive technical support and services to ensure that you have a smooth and reliable experience. From installation assistance to ongoing maintenance, our team of experts is dedicated to providing you with the support you need to get the most out of your solar energy system.

When you purchase our Solar Energy Storage System, you are entitled to a detailed user manual and access to online resources that will guide you through the setup and operation of your system. Our support includes troubleshooting advice, performance optimization tips, and firmware updates to keep your system running efficiently.

We also offer remote monitoring services that allow us to assess the health of your system and address potential issues before they become significant problems. This proactive service is designed to maintain the longevity and performance of your energy storage solution.

In the event that you encounter any technical difficulties, our dedicated support team is available to assist you. We provide diagnostic services to identify and resolve issues, ensuring minimal downtime and maximum productivity of your solar energy system.

For maintenance and service needs, our network of skilled technicians is ready to provide on-site support. Whether it's routine maintenance or more complex repairs, our team is equipped with the knowledge and tools to keep your system in top condition.

With our commitment to excellence in technical support and customer service, you can trust that your Solar Energy Storage System will be a reliable and valuable addition to your sustainable energy solution.

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



Packing and Shipping:

The Solar Energy Storage System is packaged securely in high-quality, durable materials designed to protect the components during transit. The packaging is eco-friendly and recyclable, reflecting our commitment to sustainability. Inside the box, all parts are encased in protective foam cutouts that match the shape of each component to prevent movement and reduce the risk of damage. Clear labeling on the exterior indicates the proper handling instructions and cautions against exposure to moisture or extreme temperatures.

For shipping, the packaged Solar Energy Storage System is placed within a reinforced, weather-resistant outer container to ensure it arrives at its destination in optimal condition. The container is sealed with industrial-strength tape and strapped to prevent accidental opening. A detailed packing slip is attached to the outside of the package, listing all included items and their condition. Tracking information and insurance are provided for every shipment, allowing customers to monitor their delivery and have peace of mind about their investment.

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



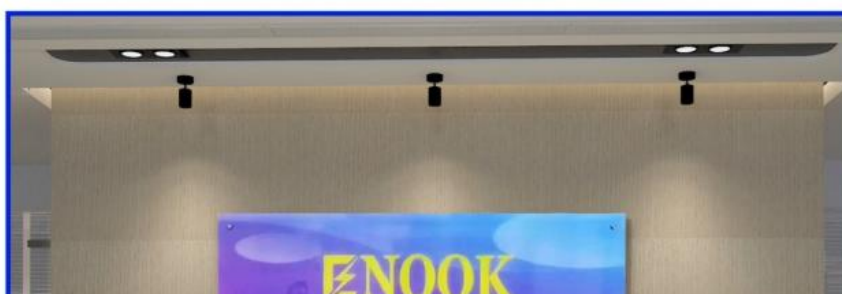
**OUR CERTIFICATES GIVE YOU RELIABLE
SUPPORT FOR YOUR ORDERS**



Company Introduction

Company Introduction

ShenZhen Enook Technology Co., Ltd company is professional manufacturer and supplier of lithium energy solutions, E-bike battery pack, which focus on manufacturing and designing of lithium cells and battery packs

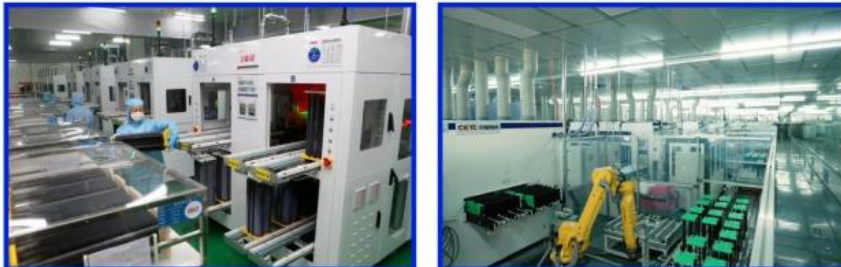




Quality first is our principle, Satisfying all our customers is our tenet, win-win business is our aim. Dedicated to strict quality control and thoughtful customer service, our experienced staff members are always available to discuss each detailed requirements from customer and ensure full customer 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 advantage, selecting a current products from catalogue, or customized products, 3~5 days is the normal time to prepare for the goods, OEM & ODM orders can be acceptable.

Quality is our life, price is our core competence, please don't hesitate to contact us if you have any requirement, we'll provide our best service to you.

Has passed CE certification and ROHS certification, excellent quality the company has obtained a number of patented technologies.



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