



Hybrid System Solar Kit 5Kw 10Kw 12Kw 15Kw 18Kw Off Grid Solar Power Energy System Storage Home Commercial

Our Product Introduction

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Basic Information

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



Product Specification

- Output Power Range: 10~20 Kwh
- Protection Level: IP20
- Product Size(mm): 990mm*550mm*245mm
- Grid Connection: Hybrid Grid
- Working Humidity: 65+20%RH
- Battery Type: LifePO4 Lithium Battery Pack
- Cycle: 3000~6000cycles @DOD 80%/25°C/0.5C
- Warranty: 5~10 Years
- Highlight: **15Kw Power Energy System,
5Kw Power Energy System,
Off Grid Solar Power Energy System**



More Images



Product Description

Product Description:

The modern era of renewable energy has seen a significant shift towards a more sustainable and eco-friendly approach to electricity consumption. As a pivotal component of this green revolution, our Solar Energy Storage System stands as an advanced solution for house energy storage, efficiently bridging the gap between environmental consciousness and energy reliability. This meticulously engineered product is designed to complement solar power installations, providing a robust solar power and battery storage mechanism that guarantees a constant electricity supply regardless of the whims of weather or time of day.

At the core of this system lies its impressive cycle life, boasting an operational range of 3000 to 6000 cycles at a depth of discharge (DOD) of 80% under the temperature of 25°C and a charge/discharge rate of 0.5C. This longevity ensures that the system will serve as a durable and reliable energy reservoir for many years, reducing the need for frequent replacements and allowing for a significant return on investment. The extended cycle life is indicative of the quality of materials and technology used in the manufacturing of the battery cells, reinforcing the system's role as a staple in the realm of sustainable energy solutions.

Understanding that the conditions for electronic equipment can be challenging, this system is engineered to withstand a working humidity of 65±20%RH. Such a robust design ensures that the system remains operational and efficient even in environments with high levels of humidity, which can be detrimental to electronic components. This resilience to environmental factors is crucial for maintaining the performance and safety of the battery storage system for solar energy applications.

With a weight of 90KG, the Solar Energy Storage System has been optimized for balance between portability and capacity. It is substantial enough to house a significant energy storage capability, yet manageable enough to allow for straightforward installation and maintenance. The size of the system is customizable, ensuring that it can be tailored to the specific spatial requirements and constraints of the installation site. Whether it's for residential, commercial, or industrial use, this flexibility in size ensures that the storage system can be seamlessly integrated into various settings without compromising on performance or aesthetic harmony with its surroundings.

The output power range of this Solar Energy Storage System is another testament to its versatility and power, with a range of 10 to 20 Kwh. This broad spectrum of energy output caters to a wide array of energy needs, from basic residential requirements to more demanding commercial applications. Users can rest assured that their energy needs will be met with reliability and consistency, providing peace of mind and the freedom to enjoy the benefits of solar energy without interruption.

In summary, our Solar Energy Storage System is an exemplary product that encapsulates the best of solar power and battery storage technology. With its long cycle life, resistance to high humidity, customizable size, and impressive output power range, it is an ideal choice for those looking to invest in a battery storage system for solar applications. It embodies the necessary specifications to provide energy security, operational longevity, and adaptability to various applications, making it a key player in the push towards a more sustainable and resilient energy landscape.

DKL-ENERGY STORAGE LITHIUM BATTERY

VERTICAL



Features:

Product Name: Solar Energy Storage System

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

Working Humidity: 65+20%RH

Warranty: 5~10 Years

Battery Type: LifePO4 Lithium Battery Pack - considered one of the best batteries for solar power storage

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

Ideal for house energy storage

FEATURES AND DETAILS



Applications:

The enook energy storage system, originating from China, stands as a cutting-edge solution for a myriad of applications where solar power and battery storage integration is essential. Certified with CE ROHS FCC UN38.3 MSDS standards, this robust model ensures safety, reliability, and eco-friendly energy usage. With a substantial weight of 90KG and the ability to operate efficiently at a working humidity of $65\pm 20\%RH$, the enook energy storage system is designed for resilience in diverse environmental conditions.

One prime application scenario for the enook energy storage system is residential homes that are leveraging solar panels for energy. Homeowners can benefit from this battery storage system for solar by storing excess energy generated during peak sunlight hours and using it during the night or cloudy days, ensuring an uninterrupted power supply. The hybrid grid connection feature allows for seamless switching between solar power and the main grid, optimizing energy usage and reducing electricity bills.

Commercial establishments such as offices, shopping centers, and small factories can also utilize the enook energy storage system to enhance their energy independence and sustainability. The system's high cycle life, ranging from 3000 to 6000 cycles at DOD 80%/25°C/0.5C, guarantees long-term reliability and reduced maintenance costs. With a warranty extending from 5 to 10 years, businesses can invest in solar power and battery storage with confidence, knowing that their investment is protected for a significant period.

Off-grid locations, such as remote cabins, research stations, and rural communities, are ideal scenarios for the enook energy storage system. These areas, often disconnected from the conventional power grid, can harness the power of the sun and store it efficiently for use during periods of low solar generation. The system's high capacity for energy storage ensures that even in the most isolated areas, electricity can be consistently available, thus improving the quality of life and enabling technological advancement.

Furthermore, the enook energy storage system is an excellent fit for emergency power backup in critical facilities like hospitals, data centers, and emergency response units. In situations where power reliability is non-negotiable, solar power and battery storage can provide the necessary redundancy, ensuring that essential services remain operational during power outages or natural disasters.

In summary, the enook energy storage system offers a versatile and sustainable solution for storing solar energy, suitable for a wide range of applications. Its robust build, high certification standards, and impressive cycle life make it an ideal choice for anyone looking to integrate solar power with reliable battery storage, be it for residential, commercial, off-grid, or emergency backup use.

PRODUCT CHARACTERISTICS



Greater energy



Ultra thin model



communication support



Highly customisable



Over temperature protection



Short circuit protection

PRODUCT SPECIFICATION



Customization:

Brand Name: enook

Model Number: energy storage system

Place of Origin: China

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

Max of Parallel: 15PCS

Working Humidity: 65±20%RH

Grid Connection: Hybrid Grid

Weight: 90KG

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

Our enook solar energy storage system is a state-of-the-art solution for your house energy storage needs. Engineered to work seamlessly with a hybrid grid connection, our system can expand up to 15PCS in parallel, offering outstanding adaptability for larger energy requirements. With a robust certification including CE, ROHS, FCC, UN38.3, and MSDS, you can trust the safety and reliability of our product. Designed and originated from China, the system features a working humidity of 65±20%RH, ensuring consistent performance even in varying environmental conditions. Weighing at 90KG with compact dimensions of 990mm*550mm*245mm, our solar energy storage system is an ideal choice for households seeking a dependable and efficient energy storage 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



Support and Services:

Welcome to the Product Technical Support and Services for our Solar Energy Storage System. We are committed to providing you with comprehensive support to ensure your solar energy storage system operates at peak performance. Our support services include:

Installation Guidance: Detailed instructions and support to help you or your installation professional set up your solar energy storage system correctly and safely.

User Manuals and Documentation: Access to all necessary user manuals, technical specifications, and product guides to help you understand and operate your system effectively.

Technical Support: Our team of expert technicians is available to assist you with any technical issues or questions you may have about your solar energy storage system. We provide troubleshooting advice, maintenance tips, and guidance on system optimization.

Warranty Service: Information on warranty terms and conditions, and assistance with warranty claims to ensure your system is protected against manufacturer defects.

Software Updates: Regular software updates to improve system performance, add new features, and ensure compatibility with the latest technology standards.

Replacement Parts: Information on how to order replacement parts to maintain the longevity and efficiency of your solar energy storage system.

On-site Service: Depending on your location and the nature of the issue, on-site service visits from our qualified technicians may be available to address complex problems or perform routine maintenance checks.

Remote Monitoring Support: Assistance with setting up and using remote monitoring tools to keep track of your system's performance and energy usage in real-time.

Energy Management Consultation: Advice on how to best utilize your solar energy storage system for maximum efficiency and savings, including integration with other renewable energy sources.

We are dedicated to ensuring your satisfaction and are here to support you every step of the way. For more information, please refer to the FAQ section or get in touch with our customer support team for personalized assistance.

Packing and Shipping:

The Solar Energy Storage System will be secured in eco-friendly, robust packaging designed to ensure the protection of the product during transit. The packaging will be made of recycled materials and will be fully recyclable to minimize environmental impact. The storage system components will be encased in custom-molded foam inserts that conform to their shape, providing cushioning and preventing movement that could lead to damage.

Each package will be sealed and reinforced to prevent moisture ingress and will include a desiccant pack to absorb any internal condensation that may occur due to temperature changes. The exterior of the packaging will be clearly labeled with handling instructions, as well as fragile and orientation markings to ensure that the product is transported with care. Shipping of the Solar Energy Storage System will be carried out by certified carriers with experience in handling sensitive electronic equipment. Tracking information will be provided upon dispatch, allowing the recipient to monitor the progress of the shipment. Upon arrival, the package should be carefully inspected for any signs of damage before acceptance. In the event of any shipping-related damages, customers are advised to contact the manufacturer immediately for assistance.

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



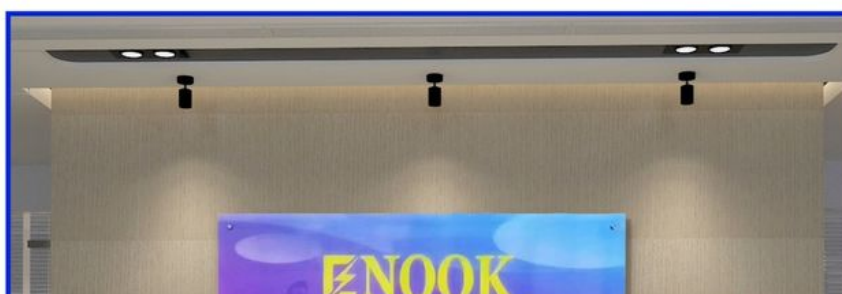
**OUR CERTIFICATES GIVE YOU RELIABLE
SUPPORT FOR YOUR ORDERS**



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

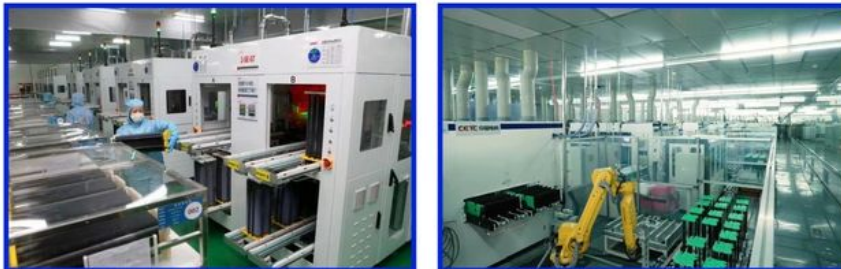




Quality first is our principle, Satisfying all our customers is our tenet, win-win business is our aim. Dedicated to strict quality control and thoughtful customer service, our experienced staff members are always available to discuss each detailed requirements from customer and ensure full customer 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.



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