

## American Home Energy Storage All-in-One System Solar System 5KW Hybrid Grid Inverter 5Kwh Lithium Ion Battery

### Our Product Introduction

for more products please visit us on [enookbattery.com](http://enookbattery.com)

#### Basic Information

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



#### Product Specification

- Nominal Voltage: 51.2V
- Battery Type: LifePO4 Lithium Battery Pack
- Protection Level: IP20
- Working Humidity: 65+20%RH
- Output Power Range: 10~20 Kwh
- Grid Connection: Hybrid Grid
- Product Size(mm): 990mm\*550mm\*245mm
- Highlight: Solar All in One System,  
Hybrid Grid Inverter All in One System,  
Hybrid Grid All in One System



#### More Images



## Product Description

### Product Description:

The Solar Energy Storage System stands as a groundbreaking solution in the realm of renewable energy, specifically tailored to meet the demands of house energy storage. This cutting-edge product is designed to seamlessly integrate with your solar power setup, ensuring that the energy harnessed from the sun is stored efficiently for use when the sun is down or when the grid is offline. With the capability to work in a hybrid grid connection, this system provides the flexibility and reliability that modern households need to become energy independent.

Our Solar Energy Storage System boasts an impressive maximum of 15PCS parallel connectivity. This feature allows for significant expansion, making it possible to scale up your storage capacity as your energy needs grow. The system's modular design ensures that you can start small and increase your storage by connecting additional units, up to 15, in parallel, providing a tailored solution that can adapt to any home's requirements.

When investing in a solar battery storage system for your home, reliability and peace of mind are paramount. That's why we are proud to offer a robust warranty that spans 5 to 10 years. This comprehensive warranty underscores our commitment to quality and our confidence in the durability and performance of our product. It ensures that your investment is protected and that you can count on our support throughout the lifespan of your energy storage system. At the core of our Solar Energy Storage System's design is the understanding that it must blend seamlessly into the modern home. With a compact footprint of 990mm in length, 550mm in width, and 245mm in height, this system is designed to be unobtrusive and can be easily accommodated in a variety of settings without occupying excessive space. This product size is carefully considered to ensure that it maintains a balance between capacity and convenience, making it a perfect fit for any household.

The operational reliability of the system is further enhanced by its ability to function optimally within a working humidity range of 65±20%RH. This tolerance ensures that even in areas with high levels of humidity, the system's performance remains uncompromised. The robust construction and careful engineering guarantee that the internal components are safeguarded from environmental factors, thereby extending the lifespan and efficiency of the product. House energy storage is not just about having a backup power supply; it's about taking control of your energy consumption and reducing your carbon footprint. Our Solar Energy Storage System is designed to empower homeowners to store surplus solar energy and use it when it's most needed or when it's more economically viable. This level of control can lead to significant savings on electricity bills and contributes to a more sustainable lifestyle.

The integration of our Solar Energy Storage System into your home is a step towards a smarter, cleaner, and more efficient energy future. With its expansive parallel connectivity, a substantial warranty, compact size, compatibility with hybrid grid connections, and resilience in varying humidity conditions, this battery storage system for solar is an essential component for anyone looking to make the most of their solar investment. Experience the peace of mind that comes with a reliable, scalable, and efficient energy storage solution, and join the ranks of eco-conscious homeowners who are paving the way to a greener future.

# DKL-ENERGY STORAGE LITHIUM BATTERY

VERTICAL



## Features:

Product Name: Solar Energy Storage System

Warranty: 5~10 Years

Size: Customizable

Grid Connection: Hybrid Grid

Nominal Voltage: 51.2V

Weight: 90KG

Efficient solar power and battery storage integration

Reliable battery storage system for solar applications

Advanced solar energy storage system technology

## FEATURES AND DETAILS



### Applications:

The enook energy storage system, originating from China, is specifically designed to cater to a variety of application occasions and scenarios, offering a robust solution for those seeking the best battery for solar power storage. With a certification portfolio that includes CE, ROHS, UN38.3, MSDS, and DGC, this product represents reliability and safety in solar energy storage.

The enook energy storage system comes with an ample output power range of 10~20 Kwh, making it suitable for both residential and commercial applications. Whether it's for home energy storage to ensure a continuous power supply or for businesses that require an uninterrupted power source for critical operations, this model is equipped to meet a broad spectrum of energy demands.

One of the significant scenarios where the enook energy storage system excels is in areas with unstable grid connections or frequent power outages. It acts as a reliable battery storage system for solar installations, ensuring that electricity generated during the day is stored for use during the night or during periods when solar generation is not possible. This makes it an ideal choice for off-grid living or remote locations where grid electricity is inaccessible.

Moreover, the enook energy storage system boasts an impressive cycle life of 3000~6000cycles @DOD 80%/25°C/0.5C, which underscores its durability and long-term performance. This is particularly important for users who require a storage solution that does not demand frequent replacements or maintenance, thereby providing a lower total cost of ownership over its lifetime.

With a weight of 90KG, the energy storage system remains relatively easy to install and integrate with existing solar power systems. Its manageable size and weight make it a practical choice for rooftop installations or small-scale solar farms. This model is also backed by a substantial warranty of 5~10 years, reflecting enook's confidence in the product's longevity and performance.

In emergency power backup scenarios, such as during natural disasters when power grids are compromised, the enook energy storage system can be a lifesaver. It ensures that critical appliances and systems such as medical equipment, refrigerators, and communication devices remain operational, providing peace of mind and resilience against unforeseen power disruptions.

To conclude, the enook energy storage system is an exemplary candidate for anyone in search of the best battery for solar power storage. Its versatile application across various scenarios, combined with its robust specifications and reliable warranty, makes it a top-tier choice in the solar energy storage market.

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



### Customization:

**Brand Name:** enook

**Model Number:** energy storage system

**Place of Origin:** China

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

**Battery Type:** LifePO4 Lithium Battery Pack, ideal for *solar power and battery storage* solutions

**Product Size(mm):** 990mm\*550mm\*245mm, designed to seamlessly integrate with your solar energy setup

**Working humidity:** 65+20%RH, ensuring reliable performance in various climatic conditions

**Grid connection:** Hybrid Grid, allowing for flexible adaptation between solar generation and grid energy

**Cycle:** 3000~6000cycles @DOD 80%/25°C/0.5C, making it the *best battery for solar power storage* with long-term reliability

Our enook energy storage system is engineered for efficiency and durability, making it an excellent choice for harnessing and storing *solar power and battery storage*. Experience uninterrupted green energy with our top-of-the-line LifePO4 Lithium Battery Pack.



## PRODUCT SPECIFICATION



### Support and Services:

Our Solar Energy Storage System is designed to provide you with reliable and sustainable energy storage solutions. To ensure the optimal performance and longevity of your system, we offer a comprehensive suite of technical support and services.

**Installation Guidance:** We offer detailed installation manuals and online video tutorials to assist with the setup of your Solar Energy Storage System. Our technical support team is also available to help guide you through the installation process and answer any questions you may have.

**User Manual and Documentation:** Each Solar Energy Storage System comes with a user manual that includes safety instructions, operation procedures, maintenance guidelines, and troubleshooting tips. Additional documentation can be accessed online through our support portal.

**Technical Support:** Our dedicated technical support team is available to assist you with any issues or queries you might encounter. Support is provided through multiple channels, including email, phone, and live chat, to ensure you receive prompt and efficient assistance.

**Maintenance Services:** We offer routine maintenance services to keep your system running at peak performance. Our maintenance plans include regular inspections, performance checks, and component replacements as needed.

**Warranty Service:** The Solar Energy Storage System comes with a limited warranty that covers defects in materials and workmanship. For warranty claims, please refer to the warranty documentation provided with your product for detailed terms and conditions.

**Software Updates:** We provide periodic software updates to enhance the functionality and security of your energy storage system. Updates are available for download directly from our support portal.

**Remote Monitoring:** Our advanced remote monitoring services allow you to keep track of your system's performance in real-time. This enables proactive maintenance and swift resolution of potential issues before they escalate.

**Training and Education:** We offer training programs for installers, operators, and end-users to ensure they are fully equipped to handle the system effectively. Training sessions can be conducted online or in-person, depending on availability and preference.

For any additional information or assistance, please visit our support portal or contact our customer service team. We are committed to providing you with the highest level of support to ensure your satisfaction with our Solar Energy Storage System.



### **Packing and Shipping:**

The Solar Energy Storage System must be packaged securely in a durable, eco-friendly carton designed to withstand the rigors of transportation. The packaging should be reinforced at corners and edges to protect against impact, and the system components should be encased in protective foam or similar shock-absorbing material to prevent movement and vibration damage during shipping.

Each package must include a clear and legible label with the product name, a list of contents, the total weight, and a barcode for tracking purposes. Fragile components should be clearly marked as such, and handling instructions should be prominently displayed to ensure proper care during transit.

Prior to shipment, each package will be sealed with tamper-evident tape and subjected to a final inspection to confirm that all contents are secure and the packaging integrity is intact. The Solar Energy Storage System will be shipped with a reputable carrier that specializes in handling delicate electronic equipment, with options for insurance and expedited delivery available upon request.



## 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

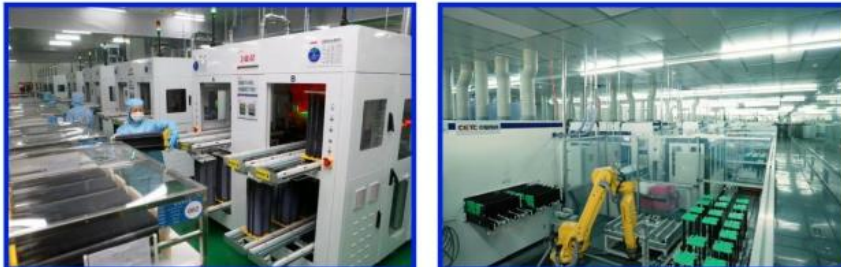




Quality first is our principle, Satisfying all our customers is our tenet, win-win business is our aim. Dedicated to strict quality control and thoughtful customer service, our experienced staff members are always available to discuss each detailed requirements from customer and ensure full customer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