

## All-In-One Off Grid 10Kva Hybrid Solar Storage System 5Kw 10Kw 20Kw On Grid Solar Energy Panel System Complete For Villa

### 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 FCC UN38 .3 MSDS
- Model Number: energy storage system



#### Product Specification

- Output Power Range: 10~20 Kwh
- Nominal Voltage: 51.2V
- Grid Connection: Hybrid Grid
- Cycle: 3000~6000cycles @DOD 80%/25°C/0.5C
- Working Humidity: 65+20%RH
- Size: Customizable
- Product Size(mm): 990mm\*550mm\*245mm
- Max of Paralle: 15PCS
- Highlight: 5Kw Hybrid Solar Storage System,  
20Kw Hybrid Solar Storage System,  
On Grid Hybrid Solar Storage System



#### More Images



## Product Description

### Product Description:

The heart of any solar power system is the storage component, and choosing the **best battery for solar power storage** is essential to harness clean energy efficiently. Our Solar Energy Storage System is engineered to be a top-tier solution for your energy needs, combining performance, longevity, and reliability in a sleek package. Whether for residential or commercial use, our system ensures that your investment in solar energy yields the best returns day and night.

Our Solar Energy Storage System offers an impressive **Output Power Range of 10 to 20 Kwh**, allowing it to serve a broad spectrum of power needs. This flexibility makes it suitable for a small household looking to power critical loads or a business requiring a robust energy backup. The system is easily scalable, so as your energy needs grow, the storage system can grow with you.

Despite its powerful output, the system is designed with practicality in mind, weighing in at only **90KG**. This relatively light weight makes it manageable for installation and reduces the overall load on the support structure, whether it's installed on a wall or in a utility room. The compact and efficient design means you don't need to compromise on space to enjoy the benefits of solar energy storage.

One of the key considerations when investing in a solar energy storage system is its longevity. We recognize the importance of this investment, which is why we offer an industry-leading warranty of **5 to 10 years**. This comprehensive warranty backs up our commitment to quality and gives you peace of mind knowing that your solar energy storage system is protected for the long term.

Flexibility in installation and expansion is another hallmark of our system. With the capability to support **Max of paralleling up to 15PCS**, our Solar Energy Storage System can be configured to meet the most demanding energy storage requirements. Whether you're looking to go off-grid or simply want to enhance your grid-tied system, our product can be tailored to fit your specific needs.

The durability of a solar battery is measured not just by its years of service, but also by its cycle life. Our Solar Energy Storage System boasts an impressive cycle life of **3000 to 6000 cycles at DOD 80%**, under the conditions of 25°C and a discharge rate of 0.5C. This means you can expect consistent performance and reliability over the years, with the battery maintaining its capacity through thousands of charge and discharge cycles.

When searching for the **best battery for solar power storage**, it is crucial to consider not only the specifications but also the real-world performance. Our Solar Energy Storage System is crafted with high-quality materials and the latest in battery technology, ensuring that it stands up to the demands of daily use and fluctuating energy needs. It is also designed with safety in mind, featuring built-in protection against overcharging, deep discharge, and temperature extremes.

In summary, our Solar Energy Storage System is a versatile, robust, and reliable solution for anyone looking to maximize the benefits of their solar power system. With a powerful output range, lightweight design, extensive warranty, expandability, and exceptional cycle life, it is undoubtedly one of the best batteries for solar power storage available on the market. Invest in our Solar Energy Storage System today to secure a sustainable and resilient energy future.

# DKL-ENERGY STORAGE LITHIUM BATTERY

VERTICAL



## Features:

Product Name: Solar Energy Storage System

Size: Customizable

Nominal Voltage: 51.2V

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

Battery Type: LifePO4 Lithium Battery Pack

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

Designed for solar power and battery storage

Ideal for house energy storage applications

Optimized for solar power and battery storage efficiency

## FEATURES AND DETAILS



### Applications:

The **enook energy storage system** stands at the forefront of the solar energy storage solutions, integrating advanced technology and user-friendly features. This system, originating from *China*, has been meticulously engineered to meet the demands of various application occasions and scenarios. Certified with *CE ROHS FCC UN38.3 MSDS*, the enook energy storage system ensures safety and reliability for its users.

With a cycle life ranging from 3000 to 6000 cycles at DOD 80%/25°C/0.5C, the enook energy storage system offers longevity and durability, making it the **best battery for solar power storage** in terms of lifespan and efficiency. The customizable size feature allows for flexibility, catering to specific spatial requirements while maintaining a compact footprint with its standard product dimensions of 990mm\*550mm\*245mm.

The enook solar energy storage system is perfect for residential homes that require energy independence and want to maximize the use of their solar panels. During peak sunlight hours, excess energy can be stored in the enook system, making it an ideal solution for reducing reliance on the grid and for ensuring power availability during outages or nighttime.

Commercial establishments can also harness the benefits of the enook energy storage system, where the robust output power range of 10~20 Kwh can meet the high energy demands. The system's hybrid grid connection capability allows businesses to switch seamlessly between solar energy storage, grid power, and generator power, ensuring uninterrupted operations.

For remote areas where grid power is unreliable or non-existent, the enook energy storage system serves as a critical component for electrification. It provides a consistent and eco-friendly power supply for off-grid living, field operations, or emergency response bases, leveraging the abundant and free energy from the sun.

In regions prone to natural disasters, such as hurricanes or earthquakes, the enook solar energy storage system becomes an indispensable backup power source. The system's high capacity and reliability ensure that critical appliances and communication devices remain functional, providing much-needed stability and security during emergencies.

Lastly, for the environmentally conscious and those aiming to reduce their carbon footprint, the enook energy storage system is an exemplary choice. It allows users to store and use clean solar energy, significantly cutting down on greenhouse gas emissions and promoting a more sustainable lifestyle.



#### Customization:

**Brand Name:** enook

**Model Number:** energy storage system

**Place of Origin:** China

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

**Grid Connection:** Hybrid Grid

**Size:** Customizable to suit your specific needs for a *battery storage system for solar* solutions.

**Max of Parallel:** Up to 15PCS to ensure scalability for your *house energy storage* requirements.

**Warranty:** Comprehensive 5~10 Years warranty, providing peace of mind with your *solar energy storage system*.

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
Max of 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 optimal performance and longevity of your investment. Our dedicated team of experts is committed to providing you with the highest level of service and support.

**Product Installation:** Our certified technicians provide professional installation services, ensuring that your Solar Energy Storage System is set up correctly for maximum efficiency and safety.

**User Manual and Documentation:** Each system includes a detailed user manual and documentation to help you understand the operation and maintenance of your product. This information is designed to help you get the most out of your Solar Energy Storage System.

**Technical Support:** Our technical support team is available to assist you with any questions or issues that may arise with your system. Whether you need troubleshooting assistance, technical advice, or help with system settings, our experts are ready to provide you with the support you need.

**Maintenance Services:** To maintain the efficiency and extend the life of your Solar Energy Storage System, we offer maintenance services. Regular maintenance checks can help prevent potential issues and ensure your system continues to operate at peak performance.

**Warranty Service:** Our Solar Energy Storage System is backed by a comprehensive warranty, giving you peace of mind. The warranty covers defects in materials and workmanship under normal use and service, and our team will guide you through any warranty claims or replacements if necessary.

**Software Updates:** We provide ongoing software updates to improve system performance and introduce new features. These updates are designed to enhance the functionality of your Solar Energy Storage System and ensure that it remains up-to-date with the latest technology.

**Remote Monitoring Service:** Select models of our Solar Energy Storage System come with remote monitoring capabilities, allowing you to monitor and manage your system's performance from anywhere. This service helps you to stay informed about your system's status and energy production.

**Customer Training:** We offer training sessions for customers who wish to better understand their Solar Energy Storage System. These sessions cover a range of topics, including system operation, monitoring, and basic troubleshooting. For any further assistance, our customer service team is always ready to help you make the most of your Solar Energy Storage System. We are committed to providing exceptional support and ensuring your complete satisfaction.

## PRODUCT CHARACTERISTICS



Greater  
energy



Ultra thin  
model



communication  
support



Highly  
customisable



Over temperature  
protection



Short circuit  
protection



### Packing and Shipping:

The Solar Energy Storage System is carefully packaged to ensure its integrity and safety during transit. The system components are encased in eco-friendly, shock-absorbent materials that provide protection against impacts and vibrations that may occur during shipping. Our packaging is designed to be as lightweight as possible while maintaining the structural strength needed for secure transportation.

Each package is clearly labeled with handling instructions and warnings to ensure that the system is transported upright at all times. Fragile components are marked accordingly, and all necessary hardware for assembly is included and itemized on the packaging list enclosed with the shipment.

Prior to shipping, each Solar Energy Storage System undergoes a thorough inspection to ensure that all components are included and in perfect condition. The system is then sealed in weather-resistant packaging to protect against moisture and environmental elements, ensuring that it arrives at its destination ready for installation.

We utilize reputable shipping carriers that specialize in the handling of high-value electronics and renewable energy equipment. Tracking information will be provided upon dispatch so that you can monitor the shipment's progress and plan for its arrival. Our customer service team is available to assist with any questions or concerns regarding the packaging and shipping of your Solar Energy Storage System.

## 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 European and Asia countries Fast delivery is one of our advantages selection of our products



delivery is one of our advantage,selecting a current products from catalogue,or customized products,3~5days is the normal time to prepare for the goods,OEM & ODM orders can be 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 & SHIPPING





## CERTIFICATES



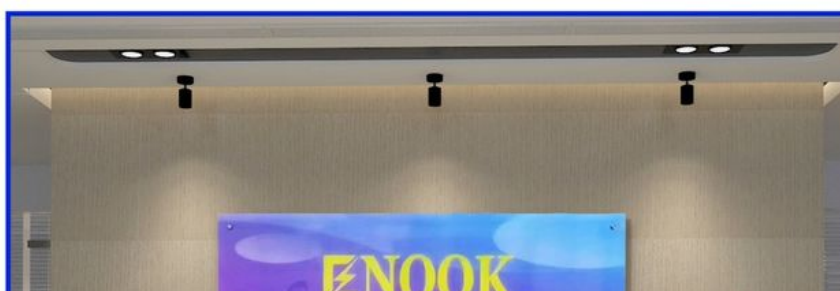
**OUR CERTIFICATES GIVE YOU RELIABLE  
SUPPORT FOR YOUR ORDERS**



## 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

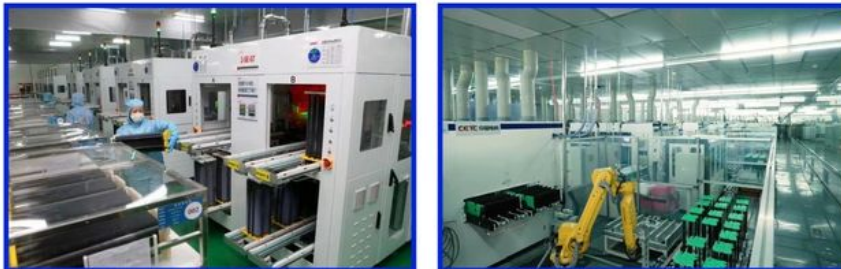




Quality first is our principle, Satisfying all our customers is our tenet, win-win business is our aim. Dedicated to strict quality control and thoughtful customer service, our experienced staff members are always available to discuss each detailed requirements from customer and ensure full customer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