

## Long Life Solar Energy Storage System with 15PCS Maxof Paralle

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

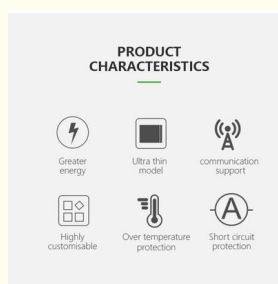


### Product Specification

- Size: Customizable
- Maxof Paralle: 15PCS
- Cycle: 3000~6000cycles @DOD 80%/25°C/0.5C
- Weight: 90KG
- Warranty: 5~10 Years
- Nominal Voltage: 51.2V
- Product Size(mm): 990mm\*550mm\*245mm
- Highlight: **15PCS Solar Energy Storage System,  
Long Life Solar Energy Storage System**



### More Images



## Product Description

### Product Description:

The burgeoning field of renewable energy has seen significant advancements, particularly in the realm of solar power and battery storage. Our Solar Energy Storage System is at the forefront of these innovations, offering a state-of-the-art solution for modern house energy storage needs. With an impressive array of features and unmatched performance, this product stands out as an essential component for anyone looking to harness the power of the sun effectively and efficiently.

At the heart of this system lies a robust battery storage system for solar applications, designed to seamlessly integrate with your existing solar panels. The nominal voltage of 51.2V ensures compatibility with a wide range of solar setups, making it a versatile choice for various installations. Whether you are aiming to go off-grid or simply want to reduce your dependency on traditional power sources, our Solar Energy Storage System is engineered to meet your demands.

The hybrid grid connection capability of this system is one of its most compelling features. This allows the system to be used in conjunction with the grid, providing flexibility and reliability. During peak solar production hours, excess energy can be stored for later use, or even fed back to the grid, potentially offering economic benefits through net metering or feed-in tariffs. Conversely, during periods of low solar production or high energy demand, the system can draw from the grid, ensuring a constant and stable supply of power to your home.

Quality and durability are central to the design of our Solar Energy Storage System. We stand behind our product with a substantial warranty of 5 to 10 years, giving you peace of mind that your investment is protected. This warranty underlines our commitment to product excellence and customer satisfaction, backed by our reputation for producing reliable and long-lasting energy solutions.

When it comes to performance, our system is designed to withstand the test of time. The battery boasts an impressive cycle life of 3000 to 6000 cycles at a depth of discharge (DOD) of 80%, at a temperature of 25°C, and at a charge and discharge rate of 0.5C. This means you can expect consistent performance and longevity from your system, even with regular use. The capacity to maintain efficiency across thousands of cycles ensures that you will enjoy a reliable source of power for many years to come.

The scalability of this system is another significant advantage. With the ability to connect up to 15 PCS in parallel, the Solar Energy Storage System can grow with your energy needs. This modularity makes it an ideal choice for both small-scale residential use and larger, more demanding applications. As your household expands or your energy requirements increase, additional units can be seamlessly integrated, providing a greater storage capacity without the need for an entirely new system.

In conclusion, our Solar Energy Storage System is an exceptional solution for those seeking to optimize their solar power and battery storage capabilities. With its high nominal voltage, hybrid grid connection, extensive warranty, outstanding cycle life, and expandability, it represents a significant step forward in house energy storage technology. Whether you are looking to increase your energy independence, reduce your carbon footprint, or simply save on electricity costs, this battery storage system for solar stands ready to meet the challenge, delivering performance, reliability, and value for years to come.

# DKL-ENERGY STORAGE LITHIUM BATTERY

VERTICAL



## Features:

Product Name: Solar Energy Storage System

Warranty: 5~10 Years

Output Power Range: 10~20 Kwh

Size: Customizable

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

Battery Type: LifePO4 Lithium Battery Pack - the best battery for solar power storage

Perfect for house energy storage



### Applications:

The enook energy storage system, a robust and efficient solution for house energy storage, stands out as an innovative product designed to cater to various application occasions and scenarios. This system is engineered with a high-grade LifePO4 Lithium Battery Pack, ensuring the best battery for solar power storage. With its origin in China, the enook energy storage system is backed by quality certifications like CE, ROHS, FCC, UN38.3, and MSDS, signifying its compliance with international standards.

This battery storage system for solar is adept for residential use, where homeowners seek to maximize their energy independence and minimize their carbon footprint. With a nominal voltage of 51.2V and an output power range of 10~20 Kwh, it is capable of powering a home consistently, especially in areas where power outages are common or where grid electricity is expensive. The high cycle life of 3000~6000cycles @DOD 80%/25°C/0.5C implies that residents can rely on the enook energy storage system for many years, making it a cost-effective investment.

Furthermore, the enook energy storage system is perfect for remote and off-grid locations. Whether it's a rural home, a research station, or an eco-retreat, the system's portability and ease of installation make it an ideal choice for settings where grid electricity is inaccessible. Its IP20 protection level ensures that the battery is safeguarded against solid objects, enhancing its durability in various environments.

Commercial sectors can also benefit significantly from the enook energy storage system. Businesses can utilize it for backup power or to reduce peak demand charges by storing solar energy during low-rate periods and using it during peak hours. This not only leads to substantial energy cost savings but also contributes to corporate sustainability goals. In emergency scenarios, such as natural disasters or unforeseen power disruptions, the enook energy storage system can be a critical asset. It can provide reliable power to emergency shelters, medical facilities, and communication centers, ensuring that essential services remain operational.

In summary, the enook energy storage system is versatile enough to serve as a cornerstone for house energy storage, offer energy solutions for off-grid and remote locations, provide economic benefits for businesses, and serve as a dependable power source during emergencies. Its high-quality LifePO4 Lithium Battery Pack makes it the best battery for solar power storage, offering a fusion of efficiency, reliability, and sustainability.

## PRODUCT SPECIFICATION



### Customization:

Brand Name: **enook**

Model Number: **energy storage system**

Place of Origin: **China**

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

Weight: **90KG**

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

Battery Type: **LifePO4 Lithium Battery Pack** - the best battery for solar power storage

Output Power Range: **10~20 Kwh** - ideal for both solar power and battery storage

Nominal Voltage: **51.2V** - ensuring reliable performance as the best battery for solar power storage

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 is designed to provide reliable and efficient storage for your solar power generation, ensuring that you have energy whenever you need it. Our product comes with comprehensive technical support and services to ensure that you get the most out of your investment. Features include:

**Installation Guidance:** Detailed instructions and support for the correct installation of your Solar Energy Storage System to optimize performance and safety.

**User Manual:** A comprehensive guide to all the features and functionalities of your system. This manual will help you understand how to operate and maintain your energy storage unit effectively.

**Technical Support:** Access to our team of experts, who are available to address any technical issues or questions you may have about your Solar Energy Storage System. Our support is designed to provide quick and accurate responses to ensure your system operates at peak performance.

**Maintenance Services:** Information on recommended maintenance schedules and procedures to keep your system running smoothly. Preventative maintenance is key to the longevity and efficiency of your solar energy storage solution.

**Warranty Service:** Information on your product's warranty terms, including coverage details and the process for claiming warranty service, should you encounter any defects or issues with your system.

**Software Updates:** Notifications about available software updates to improve the functionality and efficiency of your Solar Energy Storage System. These updates are designed to enhance your experience and the performance of the product over time.

**Troubleshooting Assistance:** Step-by-step guidance to help you diagnose and resolve common issues that may arise with your system. Our troubleshooting support is aimed at getting your system back up and running with minimal downtime.

Our commitment to customer satisfaction is at the forefront of our service offerings. If you have any questions or require further assistance, our dedicated team is here to support your energy storage needs.

## 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 in a durable, eco-friendly material designed to protect the components from any damage during transportation. The system includes a battery pack, control unit, power inverter, and all necessary cables and connectors. Please handle the package with care due to the sensitive nature of the electronic components.

Before shipping, the package undergoes a thorough inspection to ensure all parts are secure and the packaging integrity is maintained. The product is then shipped with a reliable courier service to provide you with real-time tracking information, ensuring that your Solar Energy Storage System arrives safely and promptly to your destination.

Upon arrival, please inspect the package for any signs of damage during transit before installation. In the rare event of any issues, do not hesitate to contact our customer service for prompt assistance. Thank you for choosing our clean energy solution.



## 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



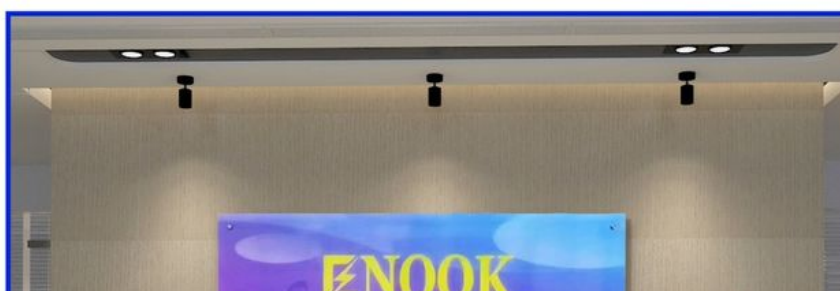
**OUR CERTIFICATES GIVE YOU RELIABLE  
SUPPORT FOR YOUR ORDERS**



## Company Introduction

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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

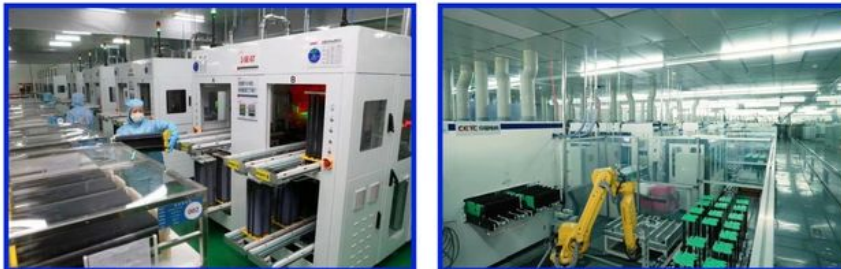




Quality first is our principle, Satisfying all our customers is our tenet, win-win business is our aim. Dedicated to strict quality control and thoughtful customer service, our experienced staff members are always available to discuss each detailed requirements from customer and ensure full customer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