



## Altitude Adaptable House Energy Storage Solar Energy Storage System with IP55 Protection

Our Product Introduction

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

### Basic Information

- Place of Origin: China
- Brand Name: enook
- Model Number: Battery cabinet



### Product Specification

- Permissible Humidity Range: 0-95%(no Conditioning)
- Protection Level: IP55
- Weight: 2800KG
- Cycle: 6000 Cycles 25°C,0.5CP
- Fire Fighting System: Gas Fire Extinguishing System
- Anti-corrosion Grade: C4(up To C5optional)
- Altitude: 3000m( 2000m Needs De-rating)
- Communication Interface: RS485,CAN,LAN
- Highlight: **Altitude Adaptable Solar Energy Storage System**  
**, IP55 Protection Solar Energy Storage System**



### More Images



## Product Description

### Product Description:

One of the standout features of this Solar Energy Storage System is its Gas Fire Extinguishing System. This system is designed to prevent any potential fire hazards that may arise from the battery storage components. This ensures that you can enjoy your stored solar energy without any safety concerns.

Another great feature of this product is its wide permissible humidity range. With a range of 0-95%, this Solar Energy Storage System can be used without the need for any conditioning. This makes it a perfect solution for those living in areas with high humidity.

It is important to note that this Solar Energy Storage System is designed to function at altitudes of up to 3000m. However, if you are living at an altitude greater than 2000m, you will need to de-rate the system accordingly. This will ensure that it operates at optimal levels and provides you with the best performance.

The isolation method used in this Solar Energy Storage System is non-isolated. This means that the battery storage components are not electrically isolated from the rest of the system. While this allows for smaller and more efficient components, it is important to ensure that proper safety measures are taken during installation and use.

Communication is key, and this Solar Energy Storage System has got you covered. With multiple communication interfaces including RS485, CAN, and LAN, you can easily monitor and control your system from anywhere. This allows for greater flexibility and convenience in managing your solar energy storage system.

# SMS Energy

## Utility-Scale Containerized BESS

With integration of LFP battery, BMS, PCS, EMS, automatic transfer switch, etc., Enerwow-M series outdoor C&I AIO storage cabinet impresses users with its outstanding performance-despite low space requirements-as well as the attractive investment costs. It offers energy storage solutions featuring high-performance, long lifespan, high safety, etc. and is applicable to small C&I scenarios such as villas, C&I buildings, islands.

### Air cooling

### Liquid cooling



### Features:

Product Name: Solar Energy Storage System

Altitude: 3000m( 2000m Needs De-rating)

Cycle: 6000 Cycles 25°C.0.5CP

Permissible Humidity Range: 0-95%(no Conditioning)

Communication interface: RS485,CAN,LAN

Size: 1430\*2150\*1350mm

This solar energy storage system is the best battery for solar power storage. It is a reliable battery storage system for solar energy that can withstand high altitude of up to 3000m ( 2000m Needs De-rating). It has a long cycle life of 6000 cycles 25°C,0.5CP and can operate within a permissible humidity range of 0-95%(no Conditioning). The communication interface of this solar energy storage system includes RS485, CAN, and LAN. Its size is 1430\*2150\*1350mm.



**Technical Parameters:**

Altitude	3000m( 2000m Needs De-rating)
Cycle	6000 Cycles 25°C,0.5CP
Protection level	IP55
Permissible Humidity Range	0-95%(no Conditioning)
Isolation Method	Non-isolated
Anti-corrosion Grade	C4(up To C5optional)
Fire Fighting System	Gas Fire Extinguishing System
Size	1430*2150*1350mm
Communication Interface	RS485,CAN,LAN
Weight	2800KG

# Efficient liquid cooling system

The maximum continuous power of charging and discharging can reach 1P.  
The difference in battery compartment temperature is 3°C.



## 5-10°C ↓

Compared to traditional Air-Cooling Container-ized ESS, temperature reduced by 5-10°C

Note: Different environments, multipliers and operating conditions have different effects



### Support and Services:

The Solar Energy Storage System is a reliable and efficient solution for storing energy generated by solar panels. Our product technical support team is available to assist with any questions or concerns related to the installation, operation, and maintenance of the system. We also provide a range of services, including system design, commissioning, and training for installers and end-users.



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