

48V 250ah 300ah Home Energy Storage Battery 10kwh 15kwh Solar system Lifepo4 Battery

Our Product Introduction

for more products please visit us on enikolnewenergy.com

Basic Information

- Place of Origin: Guangdong, China
- Brand Name: ENIKOL
- Certification: MSDS. CE. FCC. UKCA. UN38.3
- Model Number: ESK4830CV
- Minimum Order Quantity: 2 sets
- Price: Negotiated
- Packaging Details: Colorful box
- Delivery Time: 5-15 days
- Payment Terms: D/P, D/A, L/C, T/T
- Supply Ability: 1000 Piece/Pieces per Week

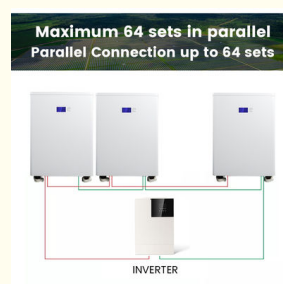


Product Specification

- Battery Type: Lithium Ion
- Rated Capacity: 250AH (12800WH)/300AH(15360WH)
- Rated Voltage: 51.2V
- Cycle Life: ≥6000 Times
- Max Parallel: 64 Sets
- Color: Black/ Green
- Shell Material: Painted Steel Shell(Optional)
- Communication Function: RS485/RS232/CAN Protocol
- Warranty: 5 Years
- OEM/ODM: Yes(Accepted)
- Highlight: Home Energy Storage Battery 12kwh, 250ah Home Energy Storage Battery



More Images



Product Description

Renewable 12kwh 48v 250ah Lifepo4 Battery Solar Energy BMS for Lithium Ion Batteries Pack

Specification

item	value
Place of Origin	China
	Guangdong
Brand Name	ENIKOL
Model Number	ESK-CV
Battery Type	Lithium Ion, LiFePO4, Other
Rated Capacity	12800WH/15360WH
Rated Voltage	51.2V
Display	LCD
Cycle life	≥6000 times
Max parallel	64 sets
Color	Black/ Green
Shell Material	Painted steel shell(Optional)
Communication function	RS485/RS232/CAN protocol
Warranty	5 years
OEM/ODM	Yes(Accepted)

Tariff optimization: By utilizing a home energy storage battery, homeowners can optimize their electricity usage based on specific tariff structures, taking advantage of variable rates, time-of-use pricing, or other incentives offered by utilities.

Reduced reliance on fossil fuels: Home energy storage batteries contribute to the transition to a cleaner energy future by reducing the need for electricity generated from fossil fuels, thereby lowering greenhouse gas emissions.

Product Description

LiFePO4 Solar Battery

Provides OEM/ ODM services, full technical support,
professional solar system solutions based on project demands.

Meet household electricity demand



Product features

That is our ENIKOL Lithium Iron Phosphate solar battery with 51.2V300AH, With 10KW power

Our battery adopts a vertical design and uses like FOOTMASTER wheels. You can fix the battery wheels and place it in the corner of your home, and if you want to move it, it is very easy, see ?even if the battery is so heavy, it is easy to move it.

And our battery built-in intelligent BMS system to balance all cells in short time.

Also Built-in automatic protection can prevent overcharge, over discharge, over voltage, short circuit and over temperature.

There is an LCD display that can show working data or set up your battery here

Here is the communication function interface, with RS485, RS232, CAN Communication protocol. Our batteries are matched with 14 brands of solar inverters, such as Growatt, Goodwe, DEYE, and so on.

We use brand new A-grade battery cells with a cycle life of over 6000 times. We can provide 5 years warranty and the design life reached 15 years.

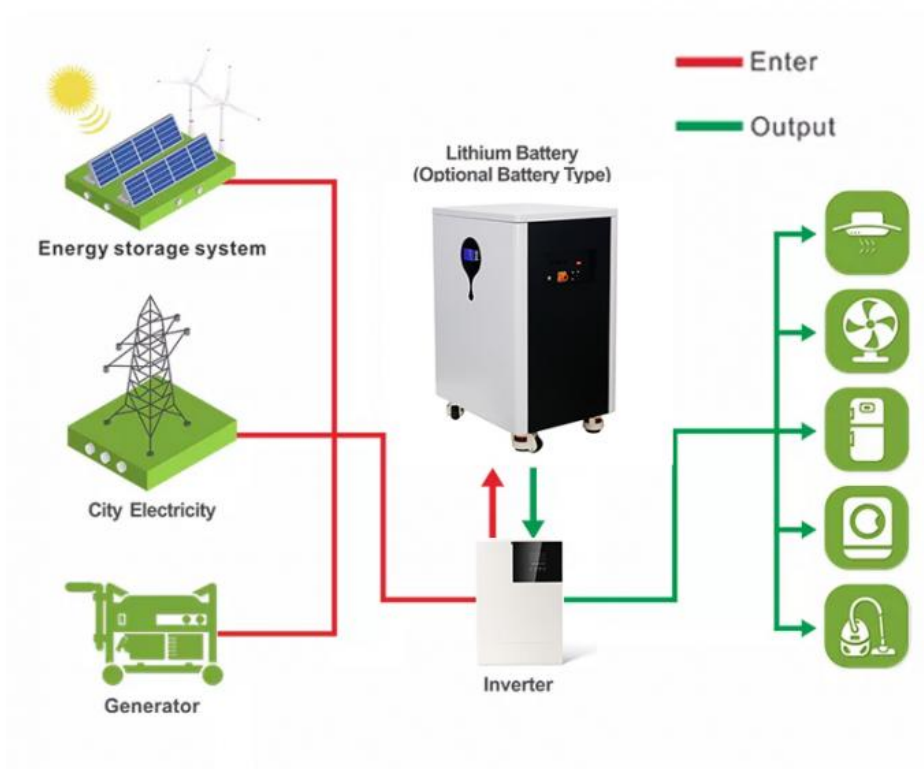
This battery can support 64 parallel connections due to its excellent battery performance . It also can be added Bluetooth functions for remote monitoring.



UN38.3

- Vertical design with wheels for easy movement
- Maximum support 64 sets in parallel
- 24V, 48V LiFePO4 pack, Safe, reliable and longer life
- Built-in intelligent BMS system to balance all cells in short time.
- Built-in automatic protection can prevent overcharge, overdischarge, overvoltage, short circuit and over temperature
- With RS485/RS232/CAN communication functions better match solar inverter
- Cycle life ≥ 6000 times, 5 years warranty, design life is 20 years
- LCD display showing the working data
- With equalization module, all-round protection and unattended operation
- Home energy storage, photovoltaic energy storage projects, Wind energy storage, UPS, Energy storage of base station, Fire emergency equipment, RV, etc.

Product connection diagram



OEM Customization Service: We provide OEM customization services, allowing customers to tailor the batteries to their specific needs and requirements. This ensures that the energy storage system integrates seamlessly into their homes or businesses.

Professional R&D Team: Our company boasts a dedicated and experienced research and development team. They are committed to continuous innovation and improvement, ensuring that our stackable batteries are at the forefront of energy storage technology.

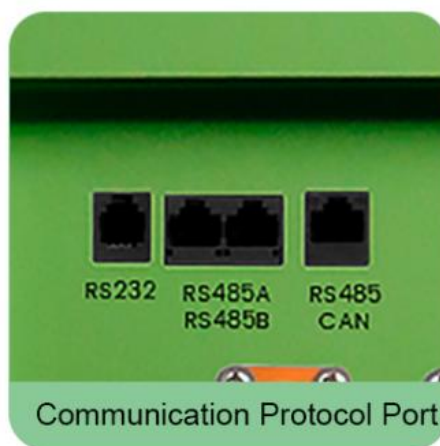
Excellent Quality Control: We maintain stringent quality control measures throughout the manufacturing process. Our batteries undergo rigorous testing and inspection to guarantee their reliability, safety, and efficiency. Customers can trust in the high-quality standards of our products.

Vertically Integrated Manufacturing: We have a vertically integrated manufacturing process, including a source factory. This allows us to have full control over the production process, from raw materials to the final product. By maintaining control over the entire supply chain, we can ensure the consistency and quality of our stackable batteries.

Global Services: Our company offers global services to cater to customers worldwide. We have a wide distribution network and strategic partnerships that enable us to provide prompt and efficient delivery of our stackable batteries to customers in various regions.

Pre-sales and After-sales Support: We are committed to providing comprehensive pre-sales and after-sales support to our customers. Our knowledgeable and responsive customer service team is available to assist with any inquiries, provide technical guidance, and address any concerns or issues that may arise. We strive to deliver a seamless customer experience from the initial consultation to the long-term use of our stackable home energy storage batteries.

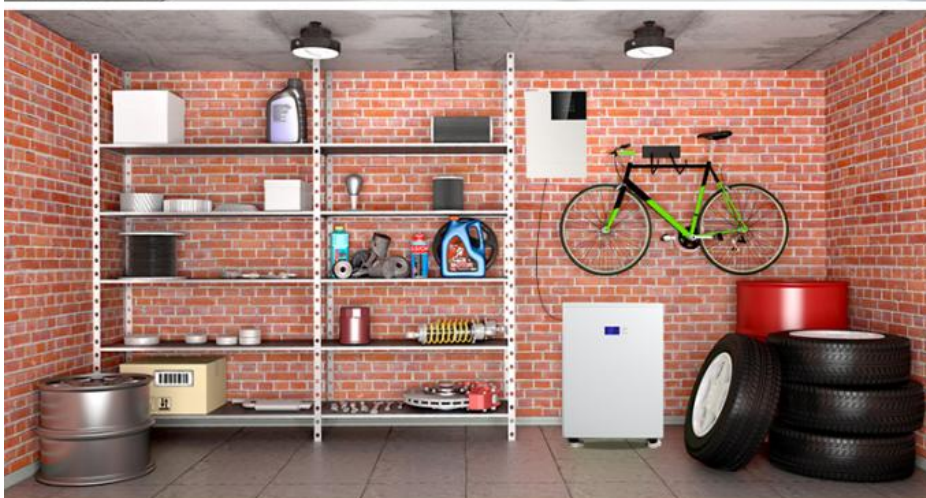
Detail display



Internal structure display



**Green energy
household electricity**



Our Cooperation Partner

LONGI 隆基

PHILIPS

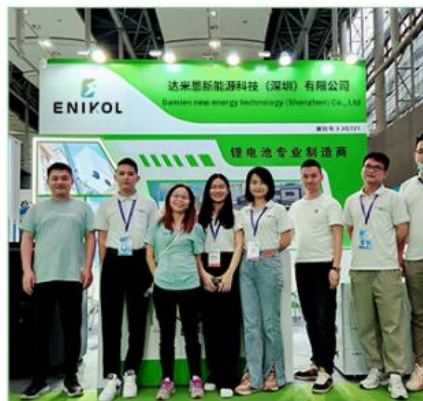
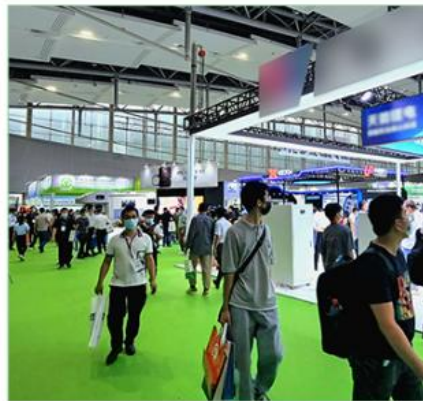
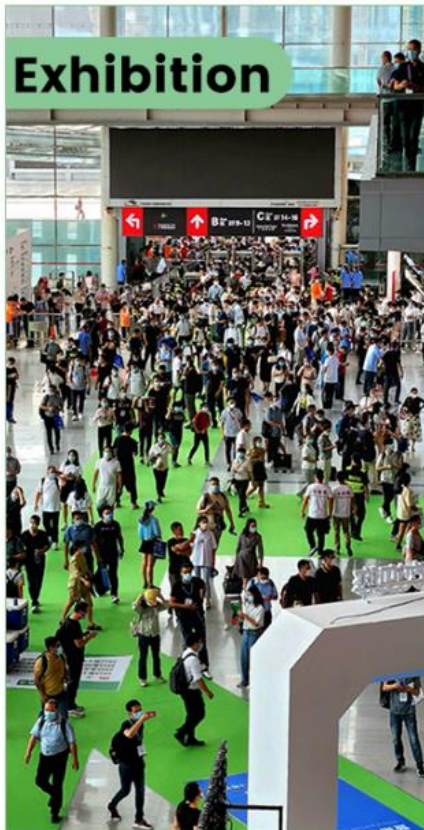


ZTE中兴



EVE 亿纬锂能

CATL 宁德时代



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