

## 100ah 5kwh 48V Solar Battery Lithium Ion 200ah 24V Lifepo4 Battery Rack Mount

Our Product Introduction

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

### Basic Information

- Place of Origin: Guangdong, China
- Brand Name: ENIKOL
- Certification: MSDS. CE. FCC. UKCA.UN38.3
- Model Number: ESK4810CR/ ESK2420CR
- Minimum Order Quantity: 2 pieces
- Price: Negotiable
- Packaging Details: Carton packaging
- Delivery Time: 7-15 days
- Payment Terms: L/C, D/P, T/T, Western Union, MoneyGram
- Supply Ability: 10000 Piece/Pieces per Month

ENIKOL

**OEM/ODM**  
Stackable  
≥6000  
times 5 years warranty



### Product Specification

- Rated Voltage: 25.6V/51.2V
- Capacity: 25.6V200AH/51.2V100AH (5120WH)
- Weight: 43kg
- Protection: Built-in BMS
- Communication Function: RS485/CAN Protocol
- Shell Material: Black Painted Steel Shell(optional)
- Highlight: 100ah 48V Solar Battery,  
5kwh 48V Solar Battery,  
24V Lifepo4 Battery Rack Mount

ENIKOL



### More Images

ENIKOL



ENIKOL

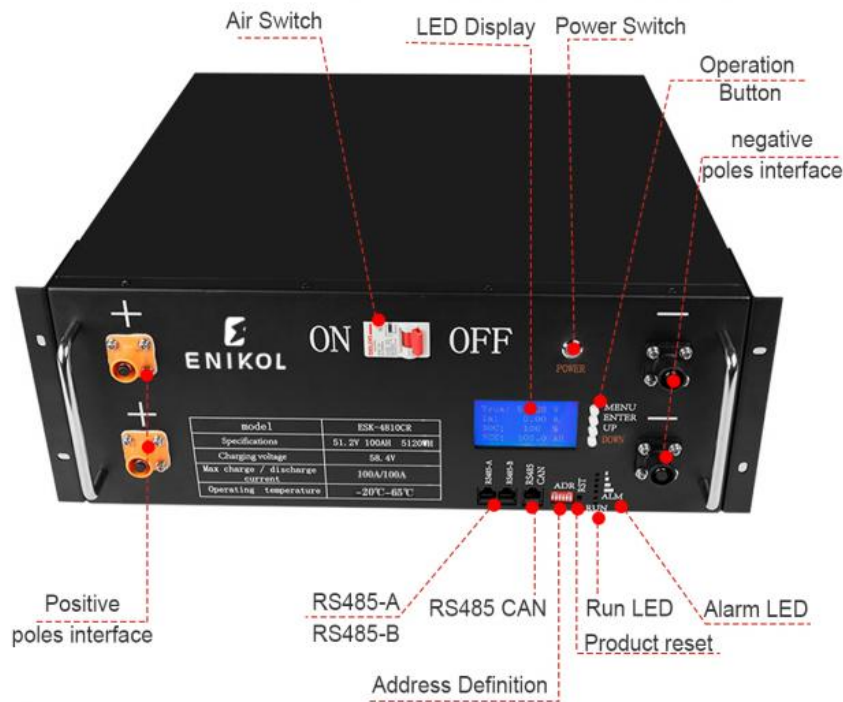


**Product Description****Specific parameters**

Product Model	ESK-2420CR	ESK-4805CR	ESK-4810CR
Type of Battery	Lithium Iron Phosphate		
Cell layout	16S1P		
Max parallel	64 sets	16sets	64 sets
Rated capacity	200AH(5120WH)	50AH(2560WH)	100AH(5120WH)
Rated voltage	25.6v	51.2v	51.2v
Charging voltage	29.2V	58.4V	58.4V
Max charging current	100A	50A	100A
Max discharge current	100A		
Weight	43kg	27kg	43kg
Dimension (L* W * H)	460*442*117mm	442*360*132.5mm	460*442*117mm
Display	LCD		
Warranty	5 years		
communication faction	CAN/RS485 or dry contact		
Cycle life	≥6000 times		
Charging temperature	0 to +55		
Operating temperature	-20 to +65		
Matched solar inverter brands	PYLONTECH/GOODWE/Growatt/SMA/Victron/TBB/Must/Srne/MEGARE VO/Deye/INVT/Voltronic/SOFAR/SOROTEC,etc.		
Protection function	Overcharge protection,over discharge protection,over-current protection,short circuit protection,over temperature protection and low voltage alarm		
Application	Home Appliances, Industrial and commercial energy storage,Household energy storage,Large-scale photovoltaic energy storage projects,UPS energy storage		

Wholesale 48v Lithium Ion Battery 100ah 5kwh Solar Battery Lithium 200ah 24v Lifepo4 Battery Rack

**Products Description**



## Main features

- Support OEM/ODM services
  - Rack mounted design for easy stacking
  - Double positive and negative interface
  - 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
  - 5 years warranty,the design life is 20 years
  - UL94V-0 flame retardant system, good high temperature performance
  - LCD display showing all the working data
- Safe and Reliable:New grade A EVE LiFePO4 battery cell  
 Longer Lifetime:More than 6000 cycles, 20 years of design life  
 Smart BMS:Intelligent BMS, equalization module, 6 protection functions  
 Better Match Inverter:CAN/RS485 Communication protocol better match with solar inverter  
 Modular Stacked:Modular rack design, easy to stack, supporting up to 64 sets in parallel  
 Certifications:MSDS,UN38.3,CE, FCC,UKCA,ROHS



## Our Advantage

**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.

**Source factory:** Being a source factory enables us to provide extensive customization options for our stackable batteries. We can work closely with customers to understand their specific requirements and tailor the battery systems accordingly. This level of customization ensures that the energy storage solution perfectly fits their needs.

**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.

## Match all mainstream 48Vdc solar inverter



**ENIKOL** Damien New Energy Technology (Shenzhen) Co., Ltd.

☎ 86 17727596282

✉ [andy@enikolnewenergy.com](mailto:andy@enikolnewenergy.com)

🌐 [enikolnewenergy.com](http://enikolnewenergy.com)

Guangming District, Shenzhen, Guangdong Province, China