

## 24V 48V Energy Storage Lithium Ion Batteries 50ah 100ah 200ah Lifepo4 Battery Pack

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
- Model Number: ESK4810CR/ESK4805CR/ESK2420CR
- Minimum Order Quantity: 5 sets
- Price: \$1,183.00/sets 5-49 sets
- Packaging Details: Colorful box
- Supply Ability: 10000 Piece/Pieces per Month

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### Product Specification

- Battery Type: LiFePO4
- Type: Rack Mounted Battery
- Capacity: 50Ah/ 100Ah / 200Ah
- Rated Voltage: 25.6V/51.2V
- Max Continuous Discharge Current: 50A/100A
- Protection: Built-in BMS
- Bluetooth / Wifi: Customizable
- Communication Function: RS485/CAN Protocol
- Cycle Life: >6000times
- Shell Material: Black Painted Steel Shell(optional)
- Inverter Type: Pure Sine Wave
- Special Features: Remote Control, Jump Starter
- Controller Type: MPPT
- Plug Type: DC

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### More Images

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## Product Description

### Energy Storage Systems Lithium Ion Batteries Pack 24v 48v 50ah 100ah 200ah Lifepo4 Battery For Solar Panel

#### Product Description

High rate capability: LiFePO<sub>4</sub> batteries can handle high charge and discharge rates without significant performance degradation, making them suitable for applications that require rapid energy transfer.

Low maintenance cost: Due to their long cycle life and low maintenance requirements, Stackable LiFePO<sub>4</sub> batteries have lower lifetime costs compared to other battery chemistries, resulting in cost savings over the long term.

Specification	value
Item	value
Model Number	ESK-CR
Place of Origin	China, Guangdong
Brand Name	ENIKOL
Battery Type	LiFePO <sub>4</sub>
Type	Rack Mounted Battery
Capacity	2560WH/ 5120WH
Rated Voltage	25.6V/51.2V
Display	LCD
Protection	Built-in BMS
Bluetooth / Wifi	Customizable
Communication function	RS485/CAN protocol
Cycle life	>6000times
Certification	MSDS. CE. FCC. UKCA
Shell Material	Black painted steel shell(optional)



NEW GRADE A EVE LIFEPO4 BATTERY CELL

## FEATURE

# Main Features

SIX KEY FEATURES UPGRADE



### 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





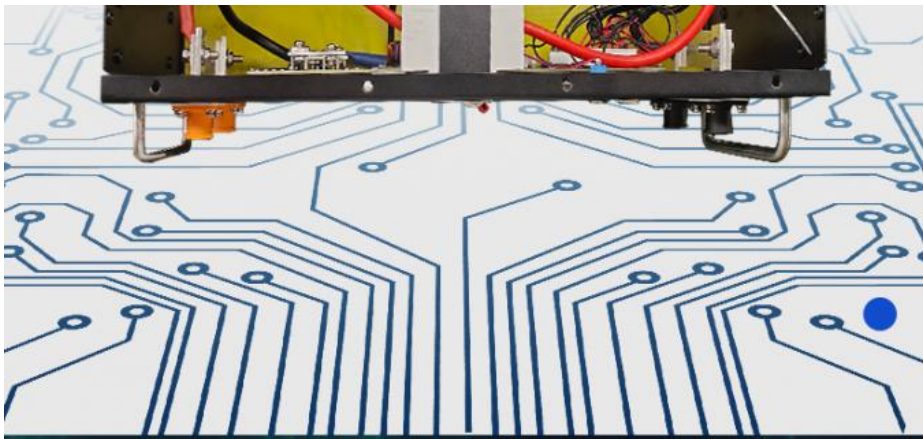
The new EVE lithium iron phosphate battery cell is used, which has high energy density, good high temperature performance, ultra long cycle life, strict quality standards, and is safe and reliable. Widely used in UPS, electric vehicles, large energy storage projects, etc

DESIGN

# Scientific Design

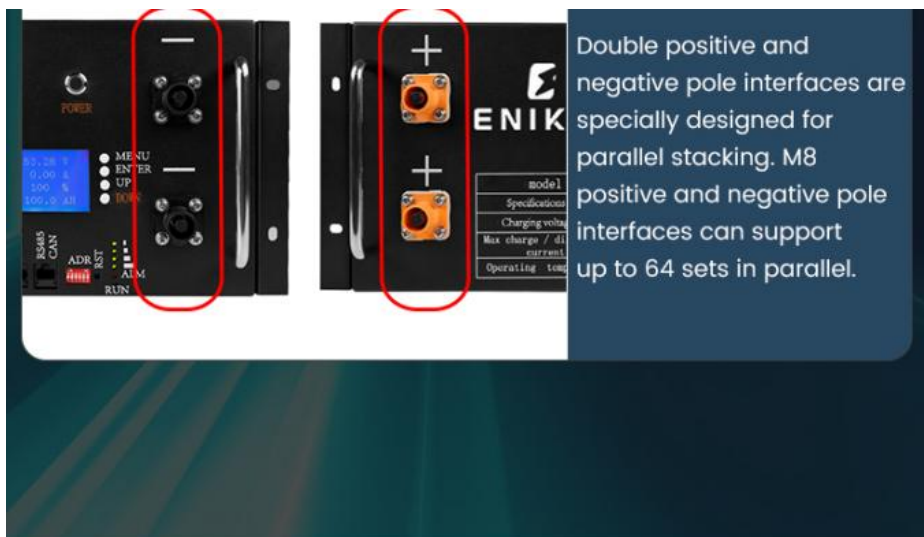
compact structure, reasonable cell layout,  
smaller volume and good heat dissipation





Air switch, power switch,  
address definition,  
operation indicator,  
LCD display, function key,  
RS485/CAN  
communication protocol  
matching with mainstream  
solar inverter.





DATA

## Product Information



· ESK-4810CR

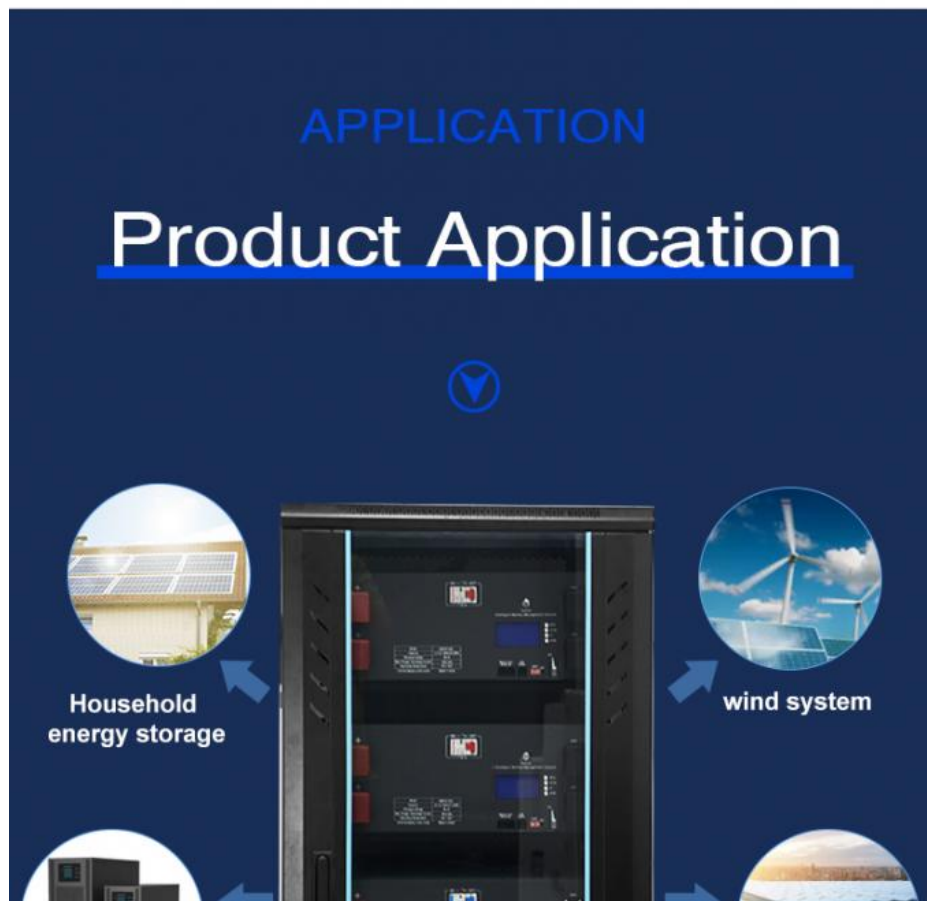




● ACCEPT OEM

Type:	Rack Mounted Solar Battery	
Model:	ESK-4805CR	ESK-4810CR
Rated Capacity:	50AH(2560WH)	100AH(5120WH)
Rated Voltage:	51.2V	
Maximum charging current:	100A	
Max continuous discharge current:	100A	
Display:	LCD	
Positive and negative pole interface:	M8	
Maximum number of parallel units:	64	
Cycle life:	≥6000 times	
Warranty:	5 years	
Product dimensions:	442*360*132.5mm	460*442*177mm

Product weight:	23.5kg	43kg
Communication function:	RS485/CAN protocol	
Matchable inverter:	Growat GOODWE PYLON Luxpowertek Voltronic SREN Revo Sorfar SMA MUST <b>Other brands can be added</b>	
Shell Material:	Black painted steel shell	





## COOPERATION

### Our Cooperation Partner










# SHOW

## Customer Case Show





**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