

## Movable 250ah Lithium Ion Lifepo4 24V Battery Solar Energy System 48V Lithium Battery

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: ESK4825CV
- Minimum Order Quantity: 2 sets
- Price: \$1,684.00/sets 2-49 sets
- Packaging Details: Colorful box
- Supply Ability: 10000 Set/Sets per Month



### Product Specification

- Battery Type: Lithium Ion
- Type: Vertical Mounted
- Rated Capacity: 250AH(12800WH)
- Rated Voltage: 51.2V
- Display: LCD
- Cycle Life: ≥6000 Times
- Shell Material: Painted Steel Shell(Optional)
- Communication Function: RS485/RS232/CAN Protocol
- OEM/ODM: Yes(Accepted)
- Warranty: 5 Years
- Special Features: Wireless Charging
- Power Source: Car, Solar Panel, AC
- Port: Shenzhen
- Highlight: 250ah Lifepo4 24V Battery, Lithium Ion Lifepo4 24V Battery, Movable 48V 250ah Lithium Battery



### More Images



Our Product

### Product Description

#### High Capacity Movable 250ah Lithium Ion Lifepo4 24v Battery Solar Energy System 48v Lithium Battery

#### Product Description

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

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	
Cyclelife:	≥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 Other brands can be added	
Shell Material:	Black painted steel shell	



## 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



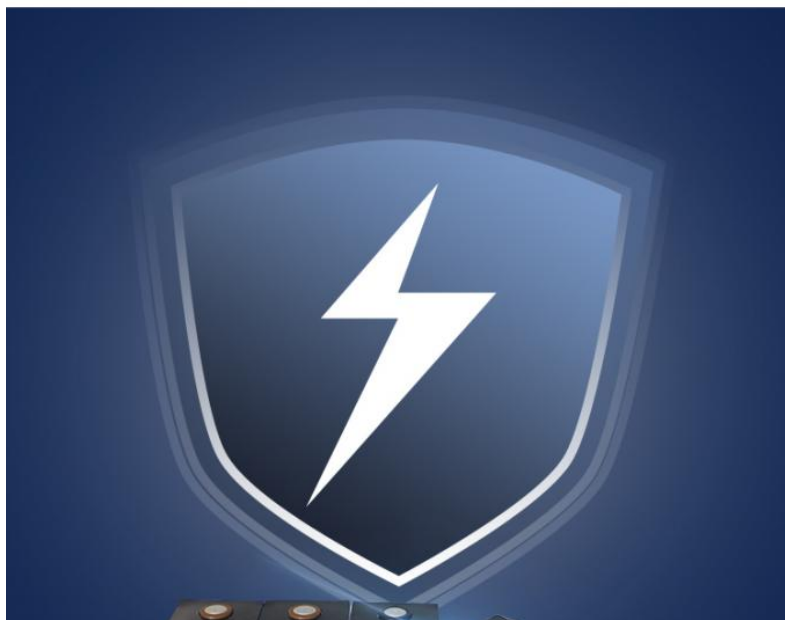
#### Modular Stacked

Modular rack design, easy  
to stack, supporting up to  
64 sets in parallel



#### Certifications

MSDS, UN38.3, CE,  
FCC, UKCA





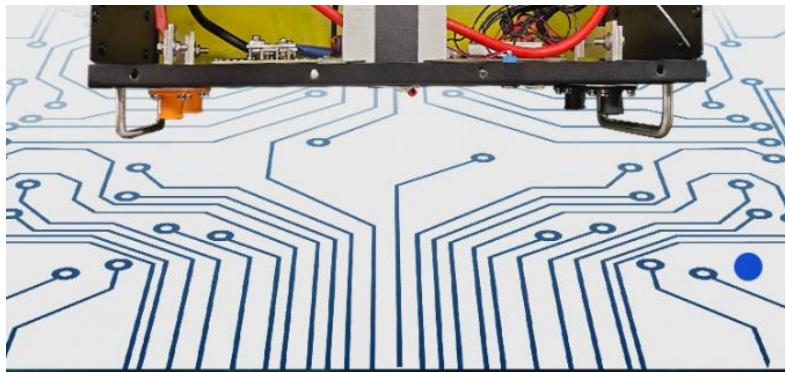
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## DESIGN

### 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.



Double positive and  
negative pole interfaces are  
specially designed for  
parallel stacking. M8  
positive and negative pole  
interfaces can support  
up to 64 sets in parallel.

DATA

## Product Information



· ESK-4810CR







### ● ACCEPT OEM

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## APPLICATION

# Product Application







**Household energy storage**



**wind system**








## COOPERATION

### Our Cooperation Partner



**LONGI** 隆基

**PHILIPS**



**Schneider Electric**  
施耐德电气



**ZTE** 中兴



**EVE** 亿纬锂能

**CATL**  
宁德时代

## Complete Product Certification







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



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