



## Rack Mount Lifepo4 Battery Pack 24V 15kwh Solar Energy 48V 100ah 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: CE, FCC, UKCA, UN38.3, MSDS
- Model Number: ESK4810CR/ ESK2420CR
- Minimum Order Quantity: 2 pieces
- Price: \$750.00/pieces 2-499 pieces
- Supply Ability: 10000 Piece/Pieces per Month

ENIKOL



### Product Specification

- Weight: 43kg
- The Charging Ratio: 99%
- The Discharge Rate: 98%
- Anode Material: LFP
- Application: Toys, Power Tools, Home Appliances, Consumer Electronics, BOATS, Golf Carts, SUBMARINES, Electric Bicycles/Scooters, Electric Vehicles, Electric Wheelchairs, Electric Power Systems, Solar Energy Storage Systems, Uninterruptible Power Supplies, Electric For
- Rated Capacity: 25.6V200AH/51.2V100AH(5120WH)
- Rated Voltage: 25.6V/51.2V
- Display: LCD
- Cycle Life: ≥6000 Times
- Warranty: 5 Years, 5 Years
- Design Life: 20 Years



### More Images

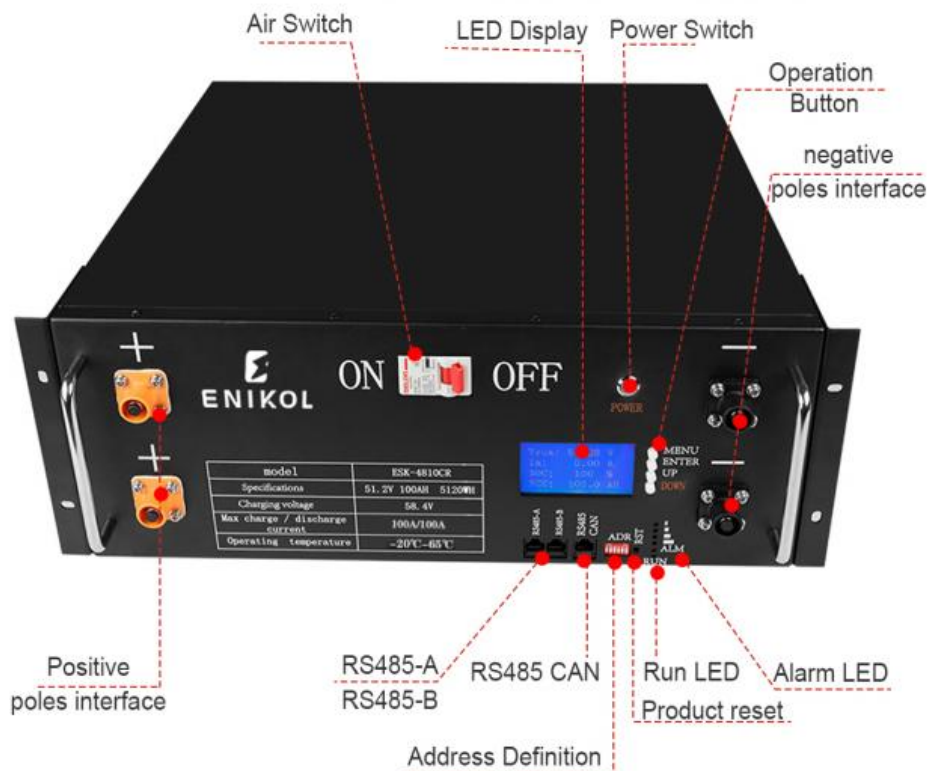


## Product Description

wholesale 24v Battery Rack 15kwh 48v Lifepo4 Battery Packs Solar Energy 48v100ah Lithium Battery

With RS485/CAN communication protocol which can better match with 14 brands of solar inverter(PYLONTECH/GOODWE/Growatt/SMA/Victron/TBB/Must/Srne/MEGAREVO/Deye/INVT/Voltronic/SOFAR/SOROTEC)

## Products Description



|                                   |                          |             |               |
|-----------------------------------|--------------------------|-------------|---------------|
| Product Model:                    | ESK-2420CR               | ESK-4810CR  | ESK-4805CR    |
| Type of Battery:                  | Lithium Iron Phosphate   |             |               |
| Type of Battery:                  | 16S1P                    |             |               |
| Max parallel:                     | 64sets                   |             |               |
| Rated capacity:                   | 200AH(5120WH)            | 100AH5120WH | 50AH(2560WH)  |
| Rated voltage :                   | 25.6v                    | 51.2v       | 51.2v         |
| Charging voltage:                 | 29.2V                    | 58.4V       | 58.4V         |
| Max charging current :            | 100A                     |             | 50A           |
| Max continuous discharge current: | 100A                     |             |               |
| Weight:                           | 43kg                     | 43kg        | 27kg          |
| Display:                          | LCD                      |             |               |
| Dimension (L * W * H) mm:         | 460*442*117              | 460*442*117 | 442*360*132.5 |
| Warranty :                        | 5 years                  |             |               |
| communication faction:            | CAN/RS485 or dry contact |             |               |

|                        |                                                                                                                                                    |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| communication faction: | ≥6000 times                                                                                                                                        |
| Charging temperature:  | 0 to +55                                                                                                                                           |
| Operating temperature: | -20 to +65                                                                                                                                         |
| Protection function:   | overcharge protection,over discharge protection,over-current protection,short circuit protection,over temperature protection and low voltage alarm |

**Energy independence:** Home energy storage batteries allow homeowners to store excess electricity generated from renewable energy sources, such as solar panels, and use it when needed, reducing reliance on the grid.

**Cost savings:** By storing excess electricity during off-peak hours when electricity rates are low and using it during peak hours when rates are high, homeowners can save money on their electricity bills.

**Load shifting:** Home energy storage batteries can shift the timing of electricity usage, allowing homeowners to draw power from the battery during peak hours and reduce demand from the grid, which can help to alleviate strain on the electrical grid.

## ENIKOL



Stackable Batteries 48v lto battery Rack Lifepo4 50ah 100ah

\*Air switch, power switch,  
address definition operation indicator

\*LCD display, communication protocol matching with mainstream solar inverter.

\*Double positive and negative pole interfaces are specially designed for parallel stacking.

\*positive and negative pole interfaces can support up to 64 sets in parallel.

## WARRANTY & SERVICE



### Delivery

EU US NO VAT NO TAX  
Door to door service



### 10 Years

10 years technical  
support 5 years warranty



### After-sale service

We will provide the best  
service within 24 hours



## CONTACT US

One-Stop Solar Battery Supplier



Safe and Reliable



# Modular Rack Mounted Lithium Iron Phosphate Solar Battery



NEW GRADE A EVE LIFEPO4 BATTERY CELL

## FEATURE

# Main Features

SIX KEY FEATURES UPGRADE



### Safe and Reliable

New grade A EVE  
LiFePO4 battery cell



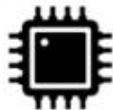
### Longer Lifetime

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



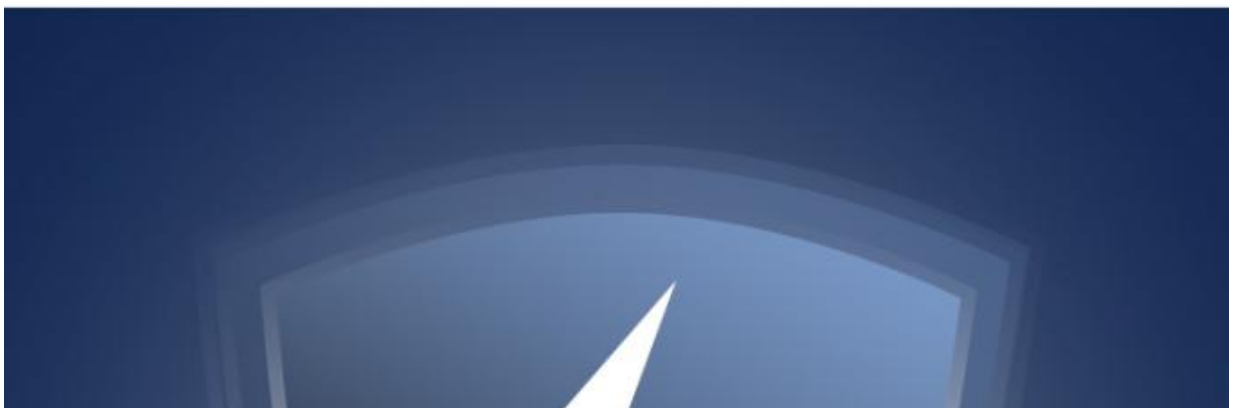
### Modular Stacked

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

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