

5kw Solar Energy System Battery 48V 100ah 24V 200ah Lifepo4 Lithium 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: ESK4810CR/ ESK2420CR
- Minimum Order Quantity: 2 pieces
- Price: \$630.00/pieces
- Packaging Details: Carton packaging
- Delivery Time: 5-15 days
- Payment Terms: L/C, D/A, D/P, T/T, Western Union, MoneyGram
- Supply Ability: 20000 Piece/Pieces per Month



Product Specification

- Rated Voltage: 25.6V/51.2V
- Capacity: 25.6V200AH/51.2V100AH (5120WH)
- Type: Rack Mounted Battery
- Max Parallel: 64
- Weight: 43kg
- Dimension: 460*442*117mm
- Display: LCD
- Communication Function: RS485/CAN Protocol
- Highlight: 5kw Energy System Battery, 48V 100ah Lifepo4 Lithium Battery, 24V 200ah Lifepo4 Lithium Battery



More Images



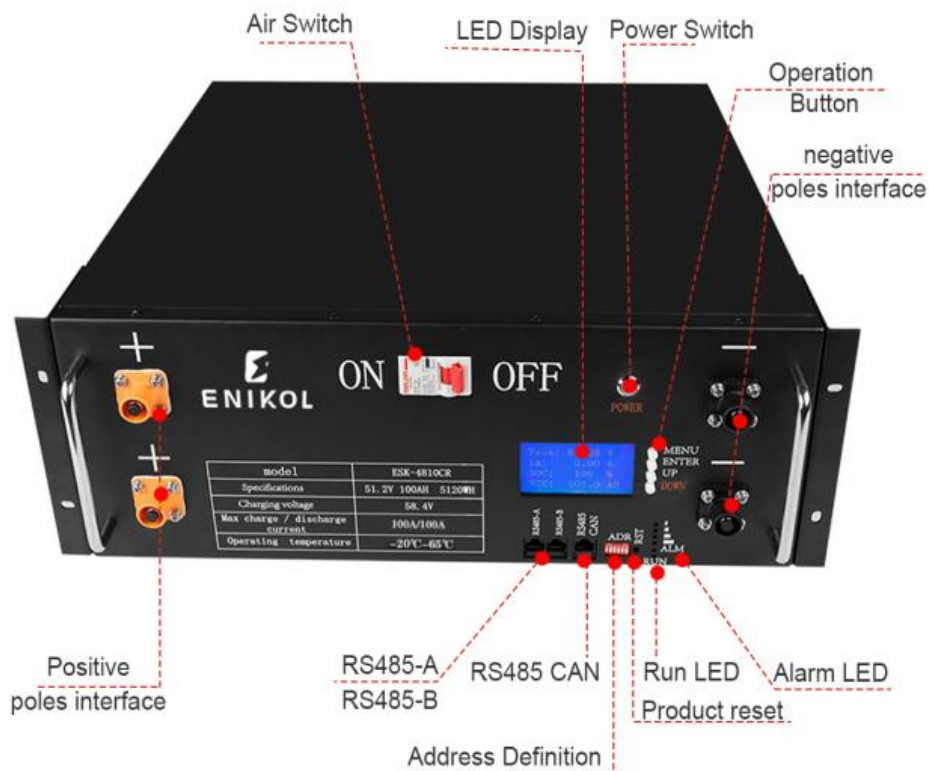
Product Description

Solar Energy System 5kw Battery Lifepo4 48v 100ah Lithium Battery 24v 200ah Power Batteries

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		



Our Advantages:

[Smart BMS]: Our lithium battery has a built-in Battery Management System (BMS) to balance all cells, we can ensure consistency and stability during battery use.

[Wide Application]: Suitable for home energy storage, Photovoltaic energy storage projects, Wind energy storage, UPS, Energy storage of base station, Fire emergency equipment, RV, etc.

[Longer Life]: New grade A LiFePO₄ blade battery cell, Cycle life ≥ 6000-8000 times, safe, reliable and longer life. We have 20+ years of design experience.

[Stackable]: Double positive and negative poles interface, drawer

shaped design, specifically designed for stacking, with a maximum parallel connection of 16-64 units

The new 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.

Match all mainstream 48Vdc solar inverter



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.

Safe and Reliable



Modular Rack Mounted Lithium Iron Phosphate Solar Battery



NEW GRADE A EVE LIFEPO4 BATTERY CELL

Safe and Reliable: New grade A 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

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

FAQ

1. how can we guarantee quality?

Always a pre-production sample before mass production;

Always final Inspection before shipment;

2.what can you buy from us?

Glow Stick, Energy Storage Lithium Battery, Outdoor Portable Power Supply,
Solar Panels, Solar Inverter

3. why should you buy from us not from other suppliers?

Damien tech an industry and trade integration enterprise, with super strong
technology and production capacity, products include all kinds of power supply,
the most important thing is to customize all kinds of power supply according to
your needs.

4. what services can we provide?

Accepted Delivery Terms: FOB,CIF,EXW,FCA,DDP

Accepted Payment Currency:USD,EUR,AUD,CNY;

Accepted Payment Type: T/T,L/C,D/P D/A,MoneyGram,Credit Card,PayPal,Western
Union,Cash;

Language Spoken:English,Chinese,Spanish,Japanese,French



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

LINE OF PRODUCTION



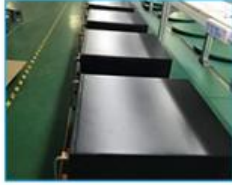
Battery Cell Testing and Matching



Assembling Battery Pack



Connect BMS Main Board



Shell Assembling



Parameter and Performance Testing



Aging and QC Testing

OUR CERTIFICATES



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

86 17727596282

andy@enikolnewenergy.com

enikolnewenergy.com

Guangming District, Shenzhen, Guangdong Province, China