

Rechargeable 48V Solar Battery 50ah Built In Smart BMS Lithium Lifepo4 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: ESK4805CR
- Minimum Order Quantity: 2 pieces
- Price: Negotiable
- Packaging Details: Carton packaging
- Delivery Time: 7-15 days
- Payment Terms: L/C, D/A, D/P, T/T, Western Union, MoneyGram
- Supply Ability: 30000 Piece/Pieces per Month

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Product Specification

- Rated Voltage: 51.2V
- Capacity: 50AH (2560WH)
- Weight: 23.5kg
- Anode Material: LFP
- Type: Stackable Battery
- Communication Function: RS485/CAN Protocol
- Highlight: Rechargeable 48V Solar Battery, 48V Solar Battery 50ah, 48V Lithium Lifepo4 Battery

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More Images



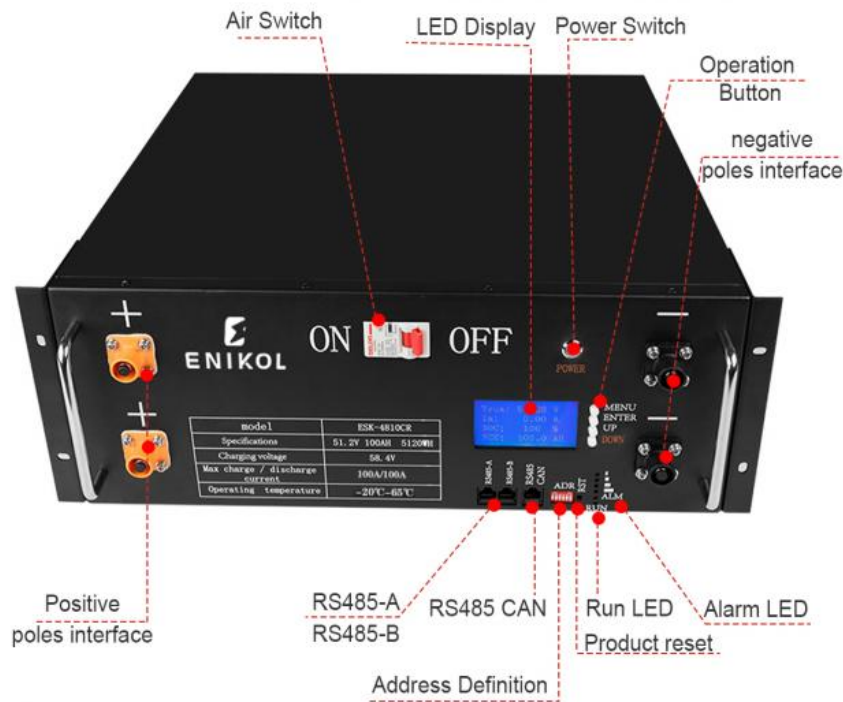
Product Description

Rechargeable Solar Battery 48v Lithium Battery 50ah Built in Smart BMS Battery Lifepo4 rack

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		
Cell layout:	16S1P		
Max parallel:	16/64sets		
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		
Cycle life:	≥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		



Main features

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

FEATURE

Main Features

SIX KEY FEATURES UPGRADE



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LiFePO4 battery cell



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More than 6000 cycles,
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Smart BMS

Intelligent BMS,
equalization module,
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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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Stackable Batteries 48v 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 16-64 sets in parallel.

Safe and Reliable



Modular Rack Mounted Lithium Iron Phosphate Solar Battery



NEW GRADE A EVE LIFEPO4 BATTERY CELL

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



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

Our Advantages:

[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

[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.

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



86 17727596282



andy@enikolnewenergy.com



enikolnewenergy.com

Guangming District, Shenzhen, Guangdong Province, China