

Stackable 100ah 48V Lithium Battery 5kw Solar Lifepo4 Battery Rack Mounted

Our Product Introduction

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Basic Information

- Place of Origin: Guangdong, China
- Brand Name: ENIKOL
- Certification: MSDS. CE. FCC. UKCA.UN38.3
- Model Number: ESK4810CR
- Minimum Order Quantity: 2 sets
- Price: \$750.00/sets 2-99 sets
- Packaging Details: Colorful box



Product Specification

- Weight: 43KG
- The Charging Ratio: 0.5C
- The Discharge Rate: 1C
- Anode Material: LFP
- Application: Industrial And Commercial Energy Storage, Household Energy Storage, Large-scale Photovoltaic Energy Storage Projects, UPS Energy Storage
- Capacity: 51.2V100AH(5120WH)
- Rated Voltage: 51.2V
- Max Charging Current: 100A
- Max Continuous Discharge Current: 100A
- Communication Function: RS485/CAN Protocol
- Protection: Built-in BMS
- Shell Material: Black Painted Steel Shell(optional)



More Images



Product Description

Stackable 100ah 48V Lithium Battery 5kw Solar Lifepo4 Battery Rack Mounted

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		

Seamless integration: These batteries can be seamlessly integrated into existing energy storage systems or renewable energy setups.

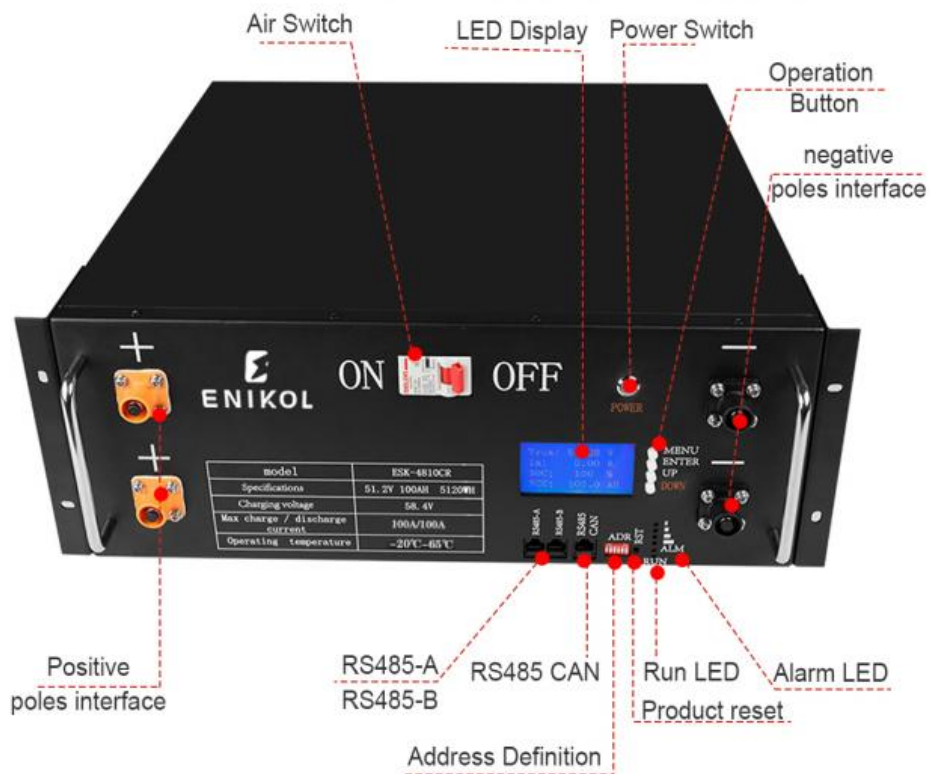
High power density: Stacking LiFePo4 batteries allows for higher power density, enabling applications that require bursts of high power output.

Versatile application: Stackable LiFePo4 batteries are suitable for a wide range of applications, including residential energy storage, commercial systems, and off-grid solutions.

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)

Match all mainstream 48Vdc solar inverter





ENIKOL



Rack mounted battery

*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.

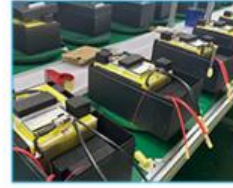
LINE OF PRODUCTION



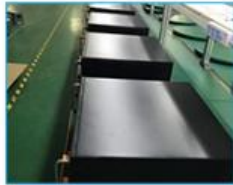
Battery Cell Testing and Matching



Assembling Battery Pack



Connect BMS Main Board



Shell Assembling



Parameter and Performance Testing



Aging and QC Testing

OUR CERTIFICATES



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