

## 48V 50ah 100ah Home Energy Storage Battery Rack Mount Solar System Lithium Battery

Our Product Introduction

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### Basic Information

- Place of Origin: Guangdong, China
- Brand Name: ENIKOL
- Certification: MSDS. CE. FCC. UKCA
- Model Number: ESK4805CR
- Minimum Order Quantity: 2 sets
- Price: \$590.00/sets 2-499 sets
- Packaging Details: Colorful box
- Supply Ability: 10000 Set/Sets per Month



### Product Specification

- Battery Type: LiFePO4
- Output Power Range: 0-5 KWh
- Dimension (L\*W\*H): 442\*360\*132.5mm
- Weight: 23.5kg
- System Type: Rack-mounted
- Type: Split, Rack Mounted Battery
- Communication Port: CAN, RS485
- Grid Connection: Off Grid, Hybrid Grid
- Product Name: ESK4805CR
- Capacity: 50Ah, 2.56KWH
- Voltage: 48v
- Max Continuous Discharge Current: 50A
- Bluetooth / Wifi: Customizable
- Communication Function: RS485/CAN Protocol



### More Images



### Product Description

Hot household Energy storage Rack-mount 48v 100ah lithium Battery 50ah 48v solar system battery

### Product Parameter

Product Model:	ESK-2420CR	ESK-4810CR	ESK-4805CR
Type of Battery:	Lithium Iron Phosphate		

Battery Assembly Method:		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		
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		



### Our Advantages:

**[Matching multiple inverters]:** 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)

**[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.

## OUR CERTIFICATES



## Installation Cases



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