



# Lifepo4 5kw Home Energy Storage Battery Lithium Iron Phosphate Battery 48V 100ah

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
- Model Number: ESK4810CW
- Minimum Order Quantity: 2 pieces
- Price: \$1,272.00/pieces 2-19 pieces
- Packaging Details: Colorful box
- Supply Ability: 10000 Piece/Pieces per Month

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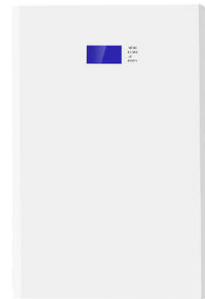
47KG

100AH

## Product Specification

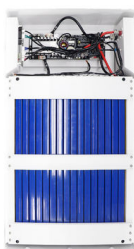
- Battery Type: Lithium Ion
- Type: Wall Mounted
- Rated Capacity: 100AH(5120WH)
- Rated Voltage: 51.2V
- Display: LCD
- Cycle Life: ≥6000 Times
- G.W: 47kg
- Size: 620\*460\*195mm
- Communication Function: RS485/RS232/CAN Protocol
- Shell Material: White Painted Steel Shell(Optional)
- OEM/ODM: Yes(Accepted)
- Inverter Type: Pure Sine Wave
- Power Source: Gas Generator, Car, Solar Panel
- Special Features: Wireless Charging, Remote Control
- Controller Type: MPPT

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## More Images

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## Product Description

### Lithium Iron Phosphate Battery 48v 100ah Lifepo4 Storage System 5kw Battery Solar Energy

#### Product Description

Type:	Wall Mounted Solar Battery	
Model:	ESK-4810CW	ESK-4820CWP
Rated Capacity:	100AH(5120WH)	200AH(10240WH)
Rated Voltage:	51.2V	
Maximum charging current:	100A	
Display:	LCD	
Cyclelife:	≥6000 times	
Warranty:	5 years	
Product dimensions:	620*460*195mm	850*455*180mm
Product weight:	47kg	73.9kg
Communication function:	RS485/RS232/CAN protocol	
Matchable inverter:	Growat GOODWE PYLON Luxpowertek Voltronic SREN Revo Sorfar SMA MUST	
Shell Material:	Black painted steel shell	

Smoothing intermittent energy generation: Renewable energy sources like solar and wind can be intermittent, but home energy storage batteries can smooth out the fluctuations by storing excess energy during periods of high generation and releasing it during low generation.

Demand charge reduction: Homeowners with high electricity demand charges can use energy storage to lower their peak demand by drawing electricity from the battery during periods of high demand, reducing their overall electricity costs.

## Product Parameter

● ESK-4810CW

● ESK-4820CWP



● ACCEPT OEM

Type:	Wall Mounted Solar Battery	
Model:	ESK-4810CW	ESK-4820CWP
Rated Capacity:	100AH(5120WH)	200AH(10240WH)
Rated Voltage:	51.2V	
Max continuous discharge current:	100A	
Display:	LCD	
Cycle life:	≥6000 times	≥8000 times
Warranty:	5 years	
Product dimensions:	620*460*195mm	850*455*180mm
Product weight:	47kg	73.9kg
Communication function:	RS485/RS232/CAN protocol	
Matchable inverter:	Growat GOODWE PYLON Luxpowertek Voltronic SREN Revo Sorfar SMA MUST	
Shell Material:	White painted steel shell	



# Product Features



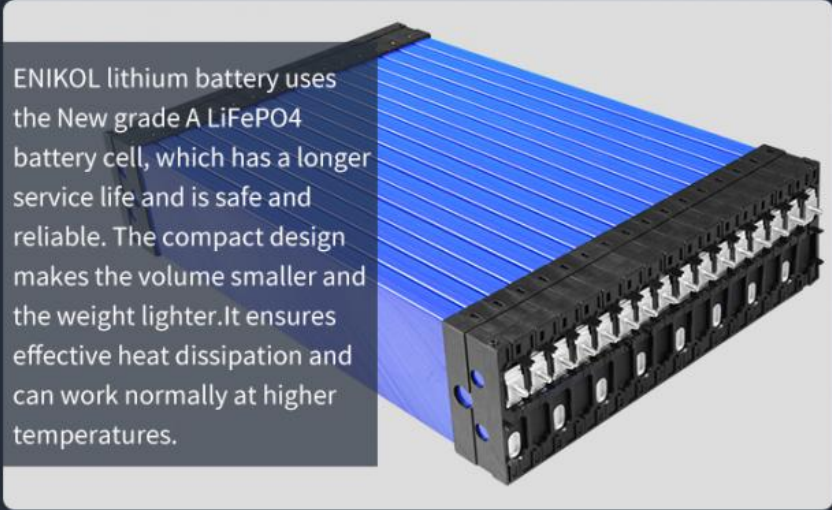
LCD screen, convenient setting button, painted steel shell, wall mounted accessories and cables. In order to welcome global cooperation, we accept OEM customization of your own products.



Intelligent BMS, equalization module, RS485/RS232/CAN communication protocol, matching grid connected.



matching grid connected,  
hybrid and off grid solar  
inverters.



ENIKOL lithium battery uses the New grade A LiFePO4 battery cell, which has a longer service life and is safe and reliable. The compact design makes the volume smaller and the weight lighter. It ensures effective heat dissipation and can work normally at higher temperatures.

# Our Cooperation Partner

**LONGI** 隆基

**PHILIPS**



**Schneider Electric**  
施耐德电气



**ZTE** 中兴



**EVE** 亿纬锂能

**CATL**  
宁德时代

## Complete Product Certification





# Product Application









Solar street lamp

## Customer Case Show



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