

51.2V Home Energy Lithium Backup Battery 5kw Lifepo4 Battery 48V 100ah

Our Product Introduction

for more products please visit us on enikolnewenergy.com

Basic Information

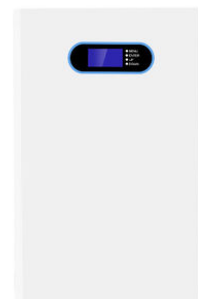
- Place of Origin: Guangdong, China
- Brand Name: ENIKOL
- Certification: MSDS. CE. FCC. UKCA. UN38.3
- Model Number: ESK4810CW
- Minimum Order Quantity: 2 pieces
- Price: negotiation
- Packaging Details: Wooden box
- Delivery Time: 7-15 days
- Payment Terms: L/C, D/P, T/T, Western Union, MoneyGram
- Supply Ability: 4000 Piece/Pieces per Week



Product Specification

- Rated Voltage: 51.2V
- Rated Capacity: 100AH(5120WH)
- Weight: 47kg
- Dimension: 620*460*195mm
- Charging Current: 100A
- The Discharge: 100-200A
- Highlight: 51.2V Lithium Backup Battery ,
Lithium Backup Battery 5kw,
Home Lifepo4 Battery 48V 100ah

ENIKOL



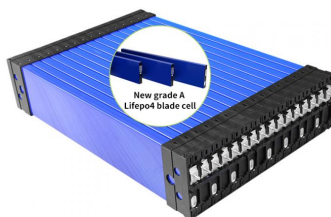
More Images



Product Description

Solar Systems 51.2v Backup Battery For Home Energy Lithium Battery 5kw Lifepo4 48v 100ah Battery Products Description

ENIKOL



Grade A lifepo4 blade cell



Built-in intelligent BMS system

8000 cycle life Grade A lifepo4 blade cell for

Intelligent BMS balancing module ensures the

higher and safer temperature resistance. stability and balance of all battery cells.

Product Parameter



● ACCEPT OEM

Matching all mainstream solar inverters

PYLONTECH/GOODWE/Growatt/SMA/Victron /TBB/Must/Srne/MEGAREVO/Deye/INVT/Voltronic/SOFAR/SOROTEC etc.

Specific parameters

Product Model:	ESK-4810CW	ESK-4820CWP	ESK-4820CW
Type of Battery:	Lithium Iron Phosphate		
Max parallel:	16 sets		
Rated capacity:	100AH (5120WH)	184AH (9420.8WH)	200AH (10240WH)
Rated voltage :	51.2V		
Charging voltage:	58.4V		
Max charging current :	100A		
Max continuous discharge current:	100A/150A/200A optional		
Weight:	47kg	74kg	85kg
Dimension (L* W * H) mm:	620*460*195	850*455*180	955*460*195
Display:	LCD		
Warranty :	8 years		
communication function:	CAN/RS485/RS232		
Shell Material :	White painted steel		
Cycle life:	≥6000 times	≥8000 times	≥8000 times

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
Matched solar inverter brands:	PYLONTECH/GOODWE/Growatt/SMA/Victron/TBB/Must/Srne/MEG AREVO/Deye/INVT/Voltronic/SOFAR/SOROTEC,etc.
Bluetooth function	Optional
Application	Home Appliances, Industrial and commercial energy storage,Household energy storage,Large-scale photovoltaic energy storage projects,UPS energy storage

Our Advantages:

1. OEM/ODM customization service

We can customize your exclusive energy storage products and system according to your needs, and display or provide them to you to confirm whether they meet your needs.

2.Global service

Our products have been exported to more than 40 countries and regions. A professional pre-sales and after-sales team has served you and received unanimous praise.

3.R & D team

We have more than 10 senior engineers and more than 60 professional technicians who have been committed to product R & D for more than 18 years.

4.Quality control

Quality control is the basis of our management. We put it first. All products are strictly tested before leaving the factory.

5.Source factory

All products are developed and produced by ourselves, with guaranteed quality and service and preferential prices.

6.Professional pre-sales and after-sales team

We have a professional pre-sales and after-sales team to serve you. The pre-sales team can ensure that we can accurately understand your needs, accurately convey your needs to the factory, and supervise the factory to accurately produce the products you need. The after-sales team can conduct installation teaching and use technical guidance after you receive the product, and can track and solve any problems for you in time when the product has any problems.

Hot sale items



ESK-4820CWP
184AH(9420.8WH)



ESK-4820CW
200AH(10240WH)



ESK-4805CR
50AH(2560WH)



ESK-4810CR
100AH(5120WH)



ESK-4825CV
250AH(12800WH)

Other items



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Hot Categories



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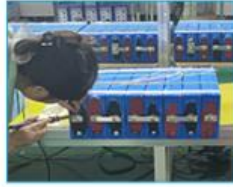
Main features

- Support OEM services
- Wall mounted design, firm and safe structure
- 24V ,48V LiFePO4 pack ,Safe and reliable
- Built-in intelligent BMS system to balance all cells ,matching solar panel and solar inverter
- Built-in automatic protection can prevent overcharge, overdischarge, overvoltage, short circuit and over temperature
- With RS485/RS232/CAN communication functions (WiFi/Bluetooth optional).
- Matching solar panel and solar inverter
- Cycle life≥8000 times 80% DOD
- 5 years warranty,the design life is 20 years
- LCD display showing the working data
- UL94V-0 flame retardant system, good high temperature performance
- Excellent standby power consumption is 4mA and can automatically enter sleep
- With equalization module, all-round protection and unattended operation

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



Q1: What's the life cycle of Enikol wall mounted battery?

A: 80% DOD more than 6000-8000 cycles

Q2: Can the battery be connect in parallel?

A: Yes, support in parallel for at most 16 pcs

Q3: Can the wall mounted battery work with my hybrid inverter?

A: Yes, the wall mounted battery suitable for all off grid and hybrid inverter

Q4: What's the warranty of wall mounted battery?

A: 5 years, we support extended warranty services

Q5: What is the battery output power?

A: 5KW-10KW Per battery

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