



5kw Solar Power Lithium Battery 48V 100ah Powerwall Wall Mounted 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: CE/FCC/MSDS/UN38.3/UKCA
- Model Number: ESK4810CW
- Minimum Order Quantity: 2 pieces
- Price: Negotiable
- Packaging Details: Wooden box
- Delivery Time: 7-15 days
- Payment Terms: L/C, D/A, D/P, T/T, Western Union, MoneyGram
- Supply Ability: 4000 Piece/Pieces per Week



Product Specification

- Weight: 47kg
- Anode Material: LFP
- Cycle Life: ≥ 6000 Times
- Max Parallel: 16 Sets
- Shell Material: White Painted Steel
- Communication Function: RS485/RS232/CAN Protocol
- Highlight: 5kw Solar Power Lithium Battery, 48V Powerwall Lifepo4 Battery, 100ah Wall Mounted Lifepo4 Battery



More Images



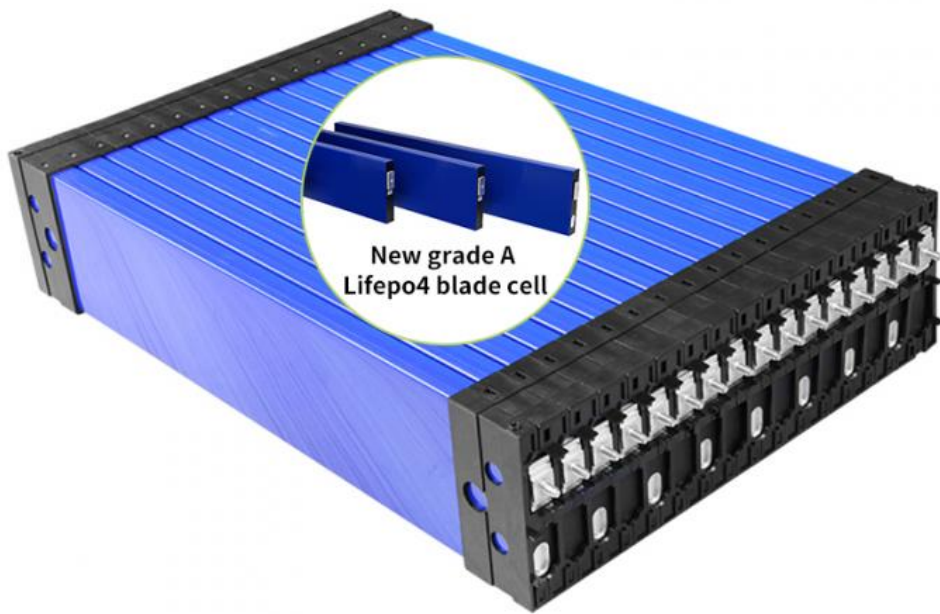
Product Description

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	5 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/MEGARE VO/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		

Products Description

ENIKOL



Grade A lifepo4 blade cell: 8000 cycle life Grade A lifepo4 blade cell for higher and safer temperature resistance.



Built-in intelligent BMS system: Intelligent BMS balancing module ensures the stability and balance of all battery cells.

Product Parameter

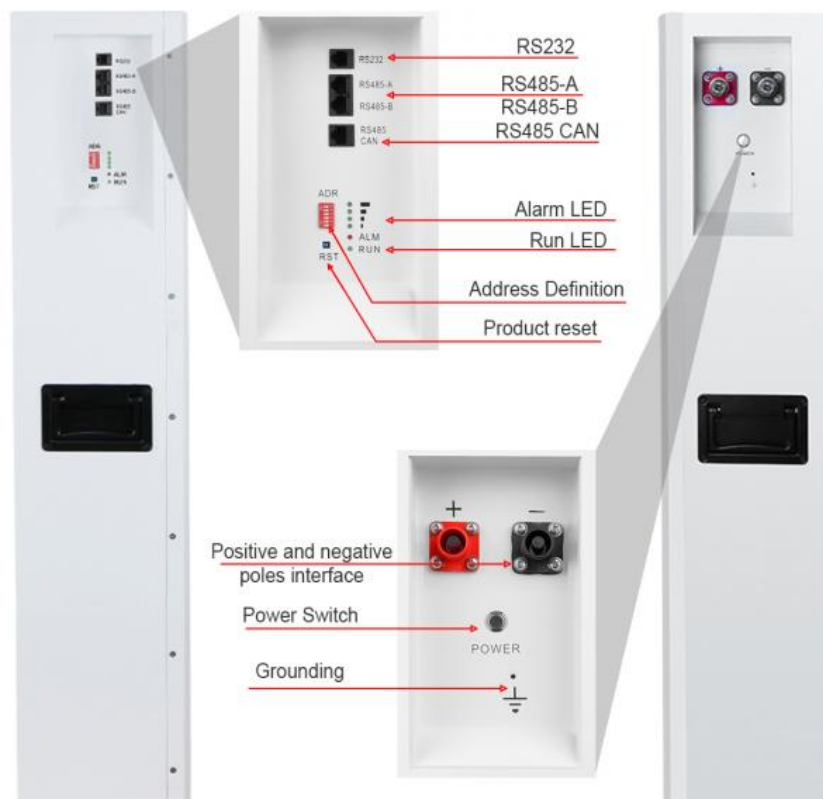
● ESK-4810CW

● ESK-4820CWP



● ACCEPT OEM

Matching all mainstream solar inverters: PYLONTECH/GOODWE/Growatt/SMA/Victron/TBB/Must/Srne/MEGAREVO/Deye/INVT/Voltronic/SOFAR/SOROTEC etc.



Major Characteristics

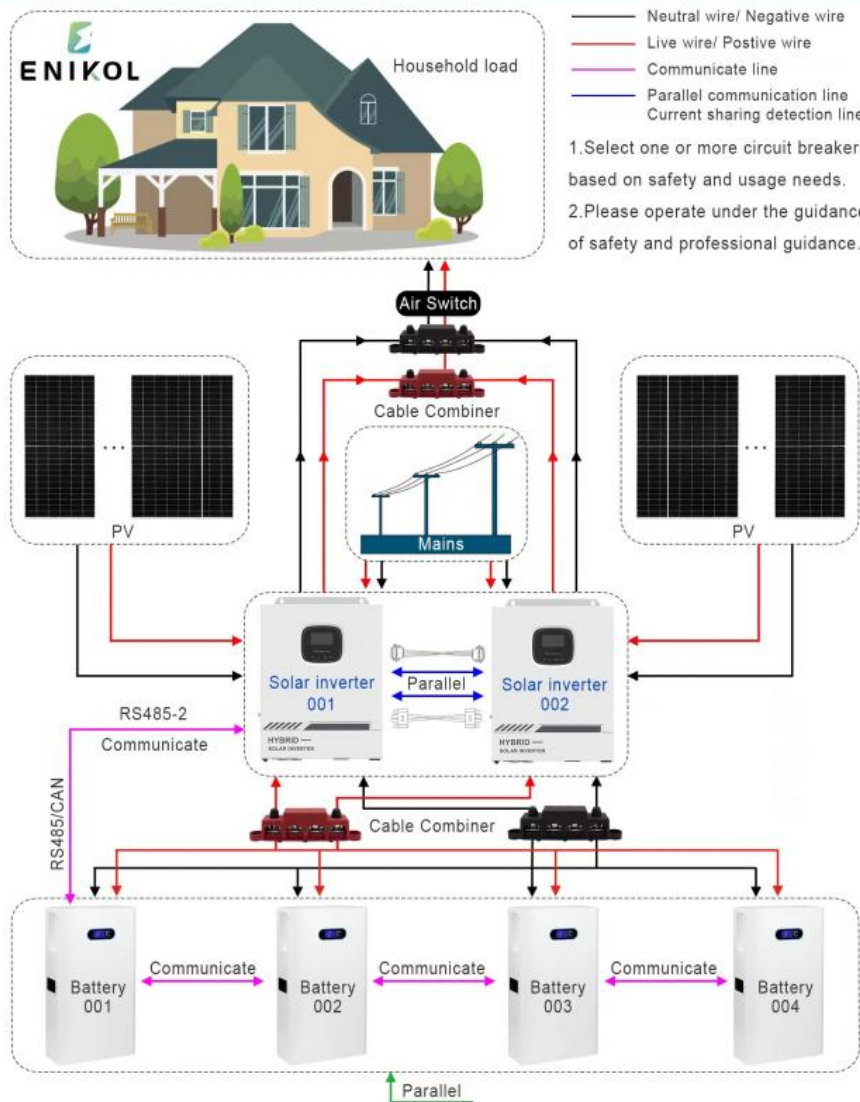
*LCD screen, convenient setting button, painted steel shell, wall mounted accessories and

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, 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.

Schematic Diagram of Energy Storage System Connection



Our Advantages:

Source factory

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

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



[View More](#)

Hot Categories



[View More](#)



[View More](#)



[View More](#)

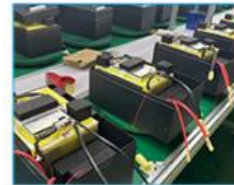
LINE OF PRODUCTION



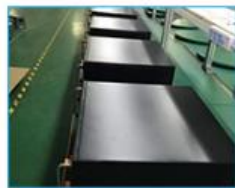
Battery Cell Testing and Matching



Assembling Battery Pack



Connect BMS Main Board



Shell Assembling



Parameter and Performance Testing



Aging and QC Testing

OUR CERTIFICATES



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

86 17727596282

andy@enikolnewenergy.com

enikolnewenergy.com

Guangming District, Shenzhen, Guangdong Province, China