



## Lithium Iron Phosphate Cell 51.2V 100AH LiFePO4 Battery 48V Solar Battery 25.6V200AH

### Our Product Introduction

for more products please visit us on [enikolnewenergy.com](http://enikolnewenergy.com)

#### Basic Information

- Place of Origin: Shenzhen
- Brand Name: ENIKOL
- Certification: CE, FCC, UKCA, U38.3, MSDS
- Model Number: ESK2420CR/ESK4810CR
- Minimum Order Quantity: 1 unit
- Price: Negotiable
- Packaging Details: Carton/wooden box/pallet
- Delivery Time: 7-15 days
- Payment Terms: T/T, L/C, D/A, D/P, Western Union, MoneyGram
- Supply Ability: 4000 pieces per week



#### Product Specification

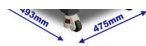
- Communication Function: RS485/CAN Protocol
- Cycle Life:  $\geq 6000$  Times
- Rated Capacity: 25.6V200AH/ 51.2V100AH(5120WH)
- Charging Voltage: 29.2V/58.4V
- Max Charging Current: 100A
- Max Parallel: 64
- Display: LCD
- Shell Material: Black Painted Steel Shell(optional)
- Highlight: 100AH LiFePO4 Battery,  
25.6V200AH LiFePO4 Battery,  
51.2V LiFePO4 Battery

ENIKOL



#### More Images





## Product Description

### Specific parameters:

Product Model	ESK-2420CR	ESK-4805CR	ESK-4810CR
Type of Battery	Lithium Iron Phosphate		
Cell layout	16S1P		
Max parallel	64 sets	16sets	64 sets
Rated capacity	200AH(5120WH)	50AH(2560WH)	100AH(5120WH)
Rated voltage	25.6v	51.2v	51.2v
Charging voltage	29.2V	58.4V	58.4V
Max charging current	100A	50A	100A
Max discharge current	100A		
Weight	43kg	27kg	43kg
Dimension (L * W * H)	460*442*117mm	442*360*132.5mm	460*442*117mm
Display	LCD		
Warranty	5 years		
Communication function	CAN/RS485 or dry contact		
Cycle life	≥6000 times		
Charging temperature	0 to +55		
Operating temperature	-20 to +65		
Matched solar inverter brands	PYLONTECH/GOODWE/Growatt/SMA/Victron/TBB/Must/Srne/MEGAREVO/Deye/INVT/Voltronic/SOFAR/SOROTEC,etc.		
Protection function	Overcharge protection,over discharge protection,over-current protection,short circuit protection,over temperature protection and low voltage alarm		
Application	Home Appliances, Industrial and commercial energy storage,Household energy storage,Large-scale photovoltaic energy storage projects,UPS energy storage		

### Product Description:

The 48V Solar Battery operates on a rate voltage of 25.6V/51.2V and has a charging voltage of 29.2V/58.4V. This allows for maximum efficiency and performance in any solar power system. Additionally, this battery has a maximum parallel capacity of 64, making it a versatile option for a variety of solar applications.

The shell material of the 48V Solar Battery is made of black painted steel, although an optional shell material is available for those who require a different aesthetic. This battery is designed to withstand harsh weather conditions and is built to be durable and long-lasting. Overall, the 48V Solar Battery is an excellent choice for anyone looking for a high-quality and reliable energy storage solution for their solar power system. With its exceptional cycle life and maximum parallel capacity, this battery is sure to provide optimal performance and efficiency for years to come.



**Technical Parameters:**

Technical Parameter	Description
Product Name	48V Solar Battery
Shell Material	Black Painted Steel Shell (optional)
Charging Voltage	29.2V/58.4V
Rated Capacity	25.6V200AH/51.2V100AH (5120WH)
Max Continuous Discharge Current	100A (5KW)
Rate Voltage	25.6V/51.2V
Battery Type	Lithium Iron Phosphate
Communication Function	RS485/CAN Protocol
Cycle Life	≥6000 Times
Max Parallel	64
Display	LCD

**Applications:**

The 48V Solar Battery is designed to have a maximum charging current of 100A and a maximum continuous discharge current of 100A (5KW). The black painted steel shell material is optional, and the rated capacity is 25.6V200AH/ 51.2V100AH (5120WH). This product can be used for a variety of scenarios including:

Residential solar systems: The 48V Solar Battery is perfect for residential solar systems. It can be used to store energy generated by solar panels during the day and power your home during the night.

Commercial solar systems: Businesses can benefit from the 48V Solar Battery as well. It can help reduce energy costs and provide a reliable backup power source in case of power outages.

Off-grid systems: The 48V Solar Battery can be used in off-grid systems where there is no access to the power grid. It can store energy generated by solar panels or other renewable energy systems to power homes or businesses.

The 48V Solar Battery is a reliable product that can last for many years with proper maintenance. It has a maximum parallel of 64, which means you can connect multiple batteries in parallel to increase the storage capacity. ENIKOL can supply up to 4000 pieces per week, and the delivery time is 7-15 days. Payment terms include T/T, L/C, D/A, and D/P.



### Customization:

Brand Name: ENIKOL  
 Model Number: ESK2420CR/ESK4810CR  
 Place of Origin: Shenzhen  
 Certification: CE, FCC, UKCA, U38.3, MSDS  
 Minimum Order Quantity: 1 unit  
 Price: USD633 for sample  
 Packaging Details: Carton/wooden box/pallet  
 Delivery Time: 7-15 days  
 Payment Terms: T/T, L/C, D/A, D/P  
 Supply Ability: 4000 pieces per week  
 Communication function: RS485/CAN Protocol  
 Rate Voltage: 25.6V/51.2V  
 Shell Material: Black Painted Steel Shell(optional)  
 Display: LCD  
 Max Charging Current: 100A

### Support and Services:

Our 48V Solar Battery product comes with comprehensive technical support and services to ensure your satisfaction and peace of mind. Our team of experienced technicians is available to assist you with any questions or issues you may have regarding the installation, maintenance, or operation of your solar battery.

We also offer a range of services, including:

- Battery monitoring and analysis
- Remote diagnostics and troubleshooting
- System optimization and performance analysis
- On-site technical support and repair services

We are committed to providing you with the highest quality support and services to ensure the optimal performance and longevity of your 48V Solar Battery product.

# ENIKOL



## FAQ:

**Q: What is the brand name of the solar battery?**

A: The brand name of the 48V solar battery is ENIKOL.

**Q: What are the available models of the solar battery?**

A: The available models are ESK2420CR and ESK4810CR.

**Q: Where is the solar battery manufactured?**

A: The solar battery is manufactured in Shenzhen, China.

**Q: What certifications does the solar battery have?**

A: The solar battery has CE, FCC, UKCA, U38.3, and MSDS certifications.

**Q: What is the minimum order quantity and price for a sample of the solar battery?**

A: The minimum order quantity for a sample is 1 unit and the price is USD633.

**Q: What are the available payment terms and delivery time for the solar battery?**

A: The available payment terms are T/T, L/C, D/A, and D/P. The delivery time is 7-15 days.

**Q: What is the supply ability of the solar battery?**

A: The supply ability of the solar battery is 4000 pieces per week.

**Q: What are the packaging details for the solar battery?**

A: The packaging details for the solar battery include carton, wooden box, or pallet.

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

86 17727596282

andy@enikolnewenergy.com

enikolnewenergy.com

Guangming District, Shenzhen, Guangdong Province, China