

## 48V Solar Battery Solar Energy System 300ah 48v Lifepo4 Energy Storage Battery Rack 51.2v stackable battery 15kwh

Our Product Introduction

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### Basic Information

- Place of Origin: Shenzhen
- Brand Name: ENIKOL
- Certification: CE,FCC,UKCA,U38.3,MSDS
- Model Number: ESK4810CS
- Minimum Order Quantity: 2 pieces
- Price: Negotiable
- Packaging Details: Carton packaging
- Delivery Time: 5-15 days
- Payment Terms: TT LC DA DP, Western Union, MoneyGram
- Supply Ability: 4000 pieces per week



### Product Specification

- Max Parallel: 16sets
- Warranty: 5 Years
- Model Type: Stackable
- Base Dimension: 72\*40\*15cm
- Capacity: 100AH(5.12kwh)
- Charging Temperature: 0 To +55
- Highlight: 51.2v Lifepo4 Energy Storage battery,  
300ah Lifepo4 Energy Storage battery,  
48v Lifepo4 Energy Storage battery



### More Images



## Product Description

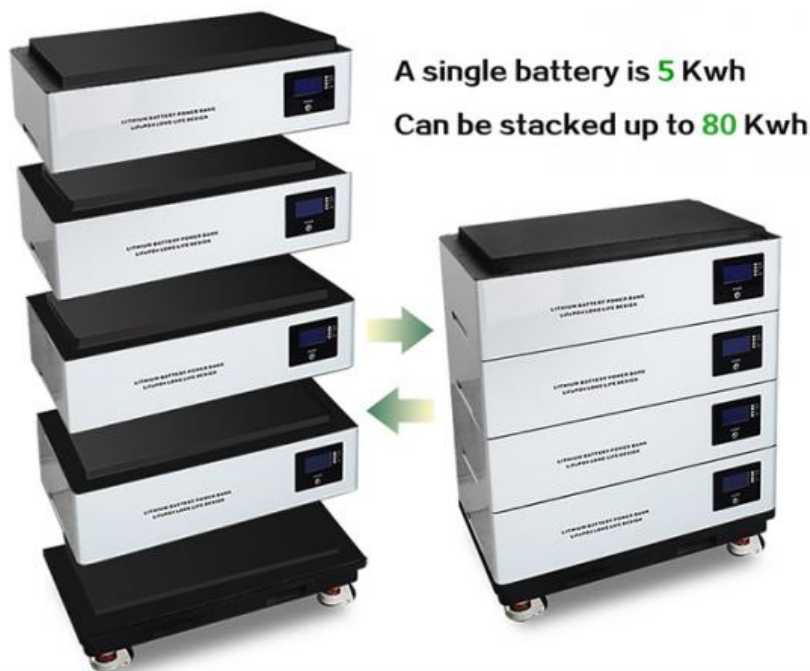
### Specific parameters

Product Model	ESK-4810CS
Type of Battery	Lithium Iron Phosphate
Cell layout	16S1P
Max parallel	16sets
Rated capacity	100AH(5120WH) for each
Rated voltage	51.2V
Charging voltage	58.4V
Output Power Range	5KW~80KW
Battery Weight	48.5kg per set
Battery Dimension (L* W * H)	72*40*20cm
Base Weight	15kg
Base Dimension (L* W * H)	72*40*15cm
Display	LCD
Warranty	5 years
Communication Function	CAN/RS485
Cycle Life	≥6000 times

### Product Description:

#### 48V Solar Battery

The 48V Solar Battery is a highly efficient and reliable energy storage solution for residential and commercial applications. It is designed to work with a wide range of solar inverters, making it a versatile choice for any solar power system. The battery is equipped with advanced features to ensure maximum performance and safety, and is compatible with various brands of solar inverters including PYLONTECH, GOODWE, Growatt, SMA, Victron, TBB, Must, Srne, MEGAREVO, Deye, INVT, Voltronic, SOFAR, and SOROTEC, just to name a few. With its compact base dimension of 72\*40\*15cm, it can easily fit into any space and can be installed both indoors and outdoors. The 48V Solar Battery is powered by Lithium Iron Phosphate (LiFePO4) battery technology, which is known for its high energy density, long cycle life, and enhanced safety. This battery type is also environmentally friendly as it does not contain any toxic materials and can be recycled. With an output power range of 5KW to 80KW, this battery can provide reliable backup power for various applications, including residential homes, offices, and commercial buildings. The battery comes with a range of protection functions to ensure the safety of the system and its users. These include overcharge protection, over discharge protection, over-current protection, short circuit protection, over-temperature protection, and low voltage alarm. These features not only protect the battery from potential risks but also extend its lifespan, making it a cost-effective and reliable choice for long-term energy storage. In addition to its advanced features and compatibility with various solar inverters, the 48V Solar Battery also offers a user-friendly design. It is easy to install and does not require any complicated wiring or maintenance. The battery also has a user-friendly interface that displays real-time data, making it easy to monitor the battery's performance and troubleshoot any issues. Overall, the 48V Solar Battery is a top-of-the-line energy storage solution that offers high efficiency, reliability, and safety. With its advanced features, compatibility with multiple solar inverter brands, and user-friendly design, it is the ideal choice for anyone looking to switch to a more sustainable and cost-effective energy source. Choose the 48V Solar Battery for a greener and more efficient energy solution.



16 sets Max parallel

Grade A LiFePO4 Cell

#### Features:

Product Name: 48V Solar Battery  
Charging Current: 100A  
Discharge Current: 100A  
Rate Voltage: 51.2 V  
Model Type: Stackable  
Protection function:  
Overcharge Protection  
Over Discharge Protection  
Over-current Protection  
Short Circuit Protection  
Over Temperature Protection  
Low Voltage Alarm



25KWH

20KWH

15KWH



Match all  
mainstream inverters

LCD Display  
Intelligent BMS

#### Technical Parameters:

Product Name	48V Solar Battery
Max parallel	16 sets
Base Dimension	72*40*15cm
Battery Dimension	72*40*20cm
Battery Type	Lithium Iron Phosphate
Matched solar inverter brands	PYLONTECH/ GOODWE/ Growatt/ SMA/ Victron/ TBB/ Must/ Srne/ MEGAREVO/ Deye/ INVT/ Voltronic/ SOFAR/ SOROTEC, Etc.
Communication Function	CAN/RS485
Charging temperature	0 To +55
Protection function	Overcharge Protection, Over Discharge Protection, Over-current Protection, Short Circuit Protection, Over Temperature Protection, Low Voltage Alarm
Charging Current	100A
Model Type	Stackable

#### Applications:

48V Solar Battery for Efficient and Reliable Energy Storage - ENIKOL ESK4810CS

**Brand Name:** ENIKOL

**Model Number:** ESK4810CS

**Place of Origin:** Shenzhen

**Certification:** CE,FCC,UKCA,U38.3,MSDS

**Minimum Order Quantity:** 2 pieces

**Price:** Negotiable

**Packaging Details:** Carton packaging

**Delivery Time:** 7-15 days

**Payment Terms:** TT LC DA DP

**Supply Ability:** 4000 pieces per week

**Charging temperature:** 0 To +55

**Charging voltage:** 58.4V

**Charging Current:** 100A

**Communication Function:** CAN/RS485

**Cycle Life:** ≥6000 Times

ENIKOL ESK4810CS is a 48V solar battery designed for high-performance energy storage in a variety of applications. With its superior features and reliable performance, it is the perfect solution for your energy needs.

Applications:

Residential and commercial solar systems

Off-grid and backup power systems

Electric vehicles

Telecommunication base stations

UPS systems

Product Features:

High energy density and efficiency

Long cycle life of over 6000 times

Can be used in extreme temperatures ranging from 0 to +55

Advanced communication function through CAN/RS485 protocol

Compliant with CE,FCC,UKCA,U38.3,MSDS certifications

Reliable and safe with overcharge, over-discharge, and short circuit protection

Easy installation and maintenance

Product Description:

The ENIKOL ESK4810CS is a 48V solar battery with a capacity of 100Ah. It is designed with the latest technology to provide efficient and reliable energy storage for various applications. The battery is manufactured in Shenzhen, a city known for its high-quality electronic products. It is rigorously tested and certified to meet international standards, ensuring its safety and quality.

Product Benefits:

Stable and consistent energy supply

Reduced electricity costs

Environmentally friendly and sustainable

Long-lasting and durable

Flexible and customizable for different energy needs

Why Choose ENIKOL ESK4810CS?

High-performance and reliable

Affordable and cost-effective

Easy to install and maintain

Excellent customer service and support

Wide range of applications

Don't compromise on your energy storage needs, choose ENIKOL ESK4810CS for efficient and reliable power solutions. Contact us now to learn more and place your order.



CE, FCC,  
UKCA,ROHS

LCD Display  
Intelligent BMS

### Customization:

ENIKOL 48V Solar Battery Customization Service

Brand Name: ENIKOL

Model Number: ESK4810CS

Place of Origin: Shenzhen

Certification: CE, FCC, UKCA, U38.3, MSDS

Minimum Order Quantity: 2 pieces

Price: Negotiable

Packaging Details: Carton packaging

Delivery Time: 7-15 days

Payment Terms: TT, LC, DA, DP

Supply Ability: 4000 pieces per week

Application: Home Appliances, Industrial And Commercial Energy Storage, Household Energy Storage, Large-scale PV Energy Storage Projects, UPS Energy Storage

Charging voltage: 58.4V

Capacity: 100AH (5.12kwh)

Protection function: Overcharge Protection, Over Discharge Protection, Over-current Protection, Short Circuit Protection, Over Temperature Protection, Low Voltage Alarm

Operating temperature: -20 to +65

### FAQ:

**Q: What is the brand name of this product?**

A: The brand name of this product is ENIKOL.

**Q: What is the model number of this product?**

A: The model number of this product is ESK4810CS.

**Q: Where is this product made?**

A: This product is made in Shenzhen.

**Q: What certifications does this product have?**

A: This product is certified by CE, FCC, UKCA, U38.3, and MSDS.

**Q: What is the minimum order quantity for this product?**

A: The minimum order quantity for this product is 2 pieces.

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

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