

## Rack Modular 48v Lifepo4 Battery 10kwh 20kwh Solar Energy Stackable Home Battery 51.2v

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: Woden box/Carton
- Delivery Time: 7-15 days
- Payment Terms: TT LC DA DP, Western Union, MoneyGram
- Supply Ability: 4000 pieces per week



### Product Specification

- Rated Voltage: 51.2V
- Battery Weight: 48.5kg
- Battery Dimensions: 72\*40\*20cm
- Base Weight: 15kg
- Base Dimension: 72\*40\*15cm
- Max Parallel: 16 Sets
- Highlight: Stackable Home Battery 51.2v,  
Solar Energy Stackable Home Battery,  
Modular 48v Lifepo4 Battery



### More Images



## Product Description

### Technical 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
Charging temperature	0 to +55
Operating temperature	-20 to +65
Matched solar inverter brands	PYLONTECH/GOODWE/Growatt/SMA/Victron/TBB/Must/Srne/M EGAREVO/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 PV energy storage projects,UPS energy storage

### Product Description:

#### Product Overview

The Stackable LiFePo4 Battery is a high-quality energy storage solution for homes and businesses. This innovative product offers a compact and flexible design, making it ideal for a variety of applications. With a focus on safety, efficiency, and durability, the Stackable LiFePo4 Battery is the perfect choice for those looking for a reliable and long-lasting energy storage solution.

#### Certifications

The Stackable LiFePo4 Battery has been certified by the most stringent international standards, including CE, RoHS, and UN38.3. These certifications ensure that the product meets all necessary safety and environmental regulations, providing peace of mind to our customers.

Nominal Voltage

The Stackable LiFePo4 Battery has a nominal voltage of 48V/51.2V, ensuring stable and consistent performance. This voltage range is suitable for a wide range of applications, from residential to commercial use.

#### The Discharge Rate

With a discharge rate of 1C, the Stackable LiFePo4 Battery delivers a steady and reliable output, ensuring your devices and appliances are powered efficiently. This discharge rate is suitable for most common household and business appliances.

#### Protection

The Stackable LiFePo4 Battery comes with a built-in Battery Management System (BMS) to enhance safety and optimize performance. The BMS protects the battery from overcharging, over-discharging, and short circuits, ensuring the longevity of the product.

#### Dimensions

The Stackable LiFePo4 Battery measures 720\*400\*200mm, making it compact and space-efficient. The modular design allows for easy stacking of multiple batteries, making it suitable for various energy storage needs.

#### Key Features

5KWH lithium iron phosphate battery for reliable and long-lasting energy storage

Perfect for home energy storage and small-scale commercial applications

Stacked batteries for flexible and customizable storage capacity

Long cycle life for extended use without needing frequent replacements

High safety with built-in BMS for protection against common battery issues

Fast charging for quick and convenient power replenishment

Overall, the Stackable LiFePo4 Battery is a top-of-the-line energy storage solution that offers exceptional performance, safety, and flexibility. With its compact design and various certifications, it is the perfect choice for anyone looking for a reliable and efficient energy storage solution.



#### Features:

Product Name: Stackable LiFePo4 Battery

Weight: 48.5kg

Certifications: CE, RoHS, UN38.3

Battery Type: LiFePO4

Max Parallel: 16 Sets

Protection: Built-in BMS

Stacked batteries for increased capacity

48V LiFePo4 Battery for high voltage applications

48V LiFePo4 Battery Pack for easy installation and use

High capacity for longer run times

Safe and reliable LiFePO4 chemistry

Easy to stack for customizable power solutions

Multiple certifications for quality assurance

Built-in BMS for protection against overcharging, over-discharging, and short circuits

**Applications:**

Stackable LiFePo4 Battery - ENIKOL  
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: Wooden box/Carton  
Delivery Time: 7-15 days  
Payment Terms: TT, LC, DA, DP  
Supply Ability: 4000 pieces per week  
Certifications: CE, RoHS, UN38.3  
Max Parallel: 16 Sets  
Nominal Voltage: 48V/51.2V  
Weight: 48.5kg  
Battery Type: LiFePO4

The Stackable LiFePo4 Battery, manufactured by ENIKOL, is a cutting-edge 5KWH lithium iron phosphate battery designed for various applications. With its advanced technology and reliable performance, it has gained certifications from CE, FCC, UKCA, U38.3, and MSDS, ensuring its safety and quality.

**Application and Scenarios**

The Stackable LiFePo4 Battery is suitable for a wide range of applications, including renewable energy systems, solar power, wind power, backup power, and electric vehicles. Its stackable design allows multiple batteries to be connected in parallel, providing a flexible and customizable energy storage solution.

In renewable energy systems, the Stackable LiFePo4 Battery can store excess energy generated from solar panels or wind turbines, providing a stable and sustainable power supply. It can also serve as a backup power source during power outages, ensuring uninterrupted electricity for essential appliances.

For electric vehicles, the Stackable LiFePo4 Battery can be used as the main power source, with its high energy density and long cycle life. It can also be used as a supplemental battery for longer driving range.

The lightweight and compact design of the battery make it easy to transport and install in various scenarios, making it a versatile and reliable energy storage solution.

**Product Features**

5KWH lithium iron phosphate battery  
Stacked batteries for increased capacity  
Suitable for renewable energy systems, solar power, wind power, backup power, and electric vehicles  
Certified by CE, FCC, UKCA, U38.3, and MSDS  
Max parallel connection of 16 sets  
Nominal voltage of 48V/51.2V  
Weighs only 48.5kg  
Uses LiFePO4 battery technology for improved safety and performance

Overall, the Stackable LiFePo4 Battery from ENIKOL is a reliable and efficient energy storage solution that can meet the demands of various applications. With its advanced technology and certifications, it is a top choice for those looking for a high-quality and sustainable power source.



## Customization:

ENIKOL Stackable LiFePO4 Battery - Customized 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: Wooden box/Carton

Delivery Time: 7-15 days

Payment Terms: TT, LC, DA, DP

Supply Ability: 4000 pieces per week

Nominal Voltage: 48V/51.2V

Max Parallel: 16 Sets

Weight: 48.5kg

Protection: Built-in BMS

Dimensions: 720\*400\*200mm

Customized Service for Stackable LiFePO4 Battery

Customized solar battery solution

Available in 48V LiFePO4 Battery and 48V 100AH Battery options

Stackable design for increased power capacity

Flexible customization options for various applications

High-quality ENIKOL brand with reliable performance

Certified with CE, FCC, UKCA, U38.3, and MSDS for safety and quality assurance

Low minimum order quantity of 2 pieces

Negotiable pricing for bulk orders

Durable packaging with wooden box or carton

Fast delivery within 7-15 days

Multiple payment options including TT, LC, DA, and DP

Strong supply ability of 4000 pieces per week

Nominal voltage of 48V/51.2V for efficient energy storage

Maximum parallel capacity of 16 sets for increased power output

Lightweight design with a weight of only 48.5kg

Built-in BMS for protection against overcharging, over-discharging, and short circuit

Compact dimensions of 720\*400\*200mm for easy installation and space-saving

**FAQ:**

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