



## Solar Panel Lifepo4 12V Lithium Battery 100ah 200ah 240ah With BMS

Our Product Introduction

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

### Basic Information

- Place of Origin: Guangdong, China
- Brand Name: ENIKOL
- Model Number: ESK1210P/ESK1224B
- Minimum Order Quantity: 2 pieces
- Price: \$201.00 - \$440.00/pieces
- Supply Ability: 1000 Piece/Pieces per Week



### Product Specification

- The Discharge Rate: 98%
- The Charging Ratio: 99%
- Storage Type: Standard Storage
- Weight: 12.4kg/30.8kg
- Anode Material: LFP
- Application: Toys, Power Tools, Home Appliances, Consumer Electronics, BOATS, Golf Carts, SUBMARINES, Electric Bicycles/Scooters, Electric Vehicles, Electric Wheelchairs, Electric Power Systems, Solar Energy Storage Systems, Uninterruptible Power Supplies, Electric For
- Rated Capacity: 100AH(1280WH)/ 240AH(3072WH)/ Customized
- Rated Voltage: 12.8V
- Display: LCD
- Cycle Life: ≥6000 Times



### More Images

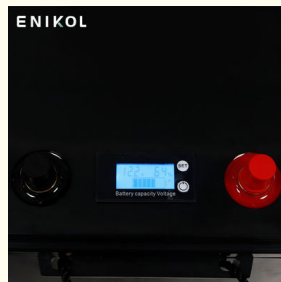
ENIKOL



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## Product Description

High Quality Solar Panel Battery 200ah 12v Batterie 12v Lifepo4 Lithium Battery 100ah 240ah

### Specification

item	value
Model Number	ESK1210P/ESK1224B
Place of Origin	China
	Guangdong
Brand Name	ENIKOL
Battery Type	LiFePO4
Rated Capacity	100AH(1280WH)/ 240AH(3072WH)/ Customized
Rated Voltage	12.8V
Display	LCD
Cycle Life	≥6000 times
Warranty	3 years
Design Life	20 years
Shell Material	Antistatic flame retardant PC
Series Connection	Support (optional)
Charging Temperature	0 to +55
Operating Temperature	-20 to +65

❖ Green New Energy: Lithium battery is no toxic and pollution during manufacturing and using.

❖ Long Lifespan: The battery discharge capacity is still over 80% after 6000 cycle times of single cell.

❖ High Safety: When the battery internal pressure is too large then reaches a certain level, the valve will be open immediately which can protect the battery from burning and explosion.

❖ Excellent Performance: Professional structure design make the battery performance work under high temperature and low temperature .

### Product Description

# LIFEPO4 SOLAR BATTERY

LIFEPO4 PACK ,SAFE AND RELIABLE





### Safe and Reliable

New grade A LiFePO4 battery cell



### Longer Lifetime

More than 5000 cycles, 20 years of design life



### Intelligent BMS

Equalization module, balance all battery cells in short time



### Automatic Protection

Built-in 6 automatic protection function, more secure



### Series Connection

Support series connection to increase voltage, up to 51.2V

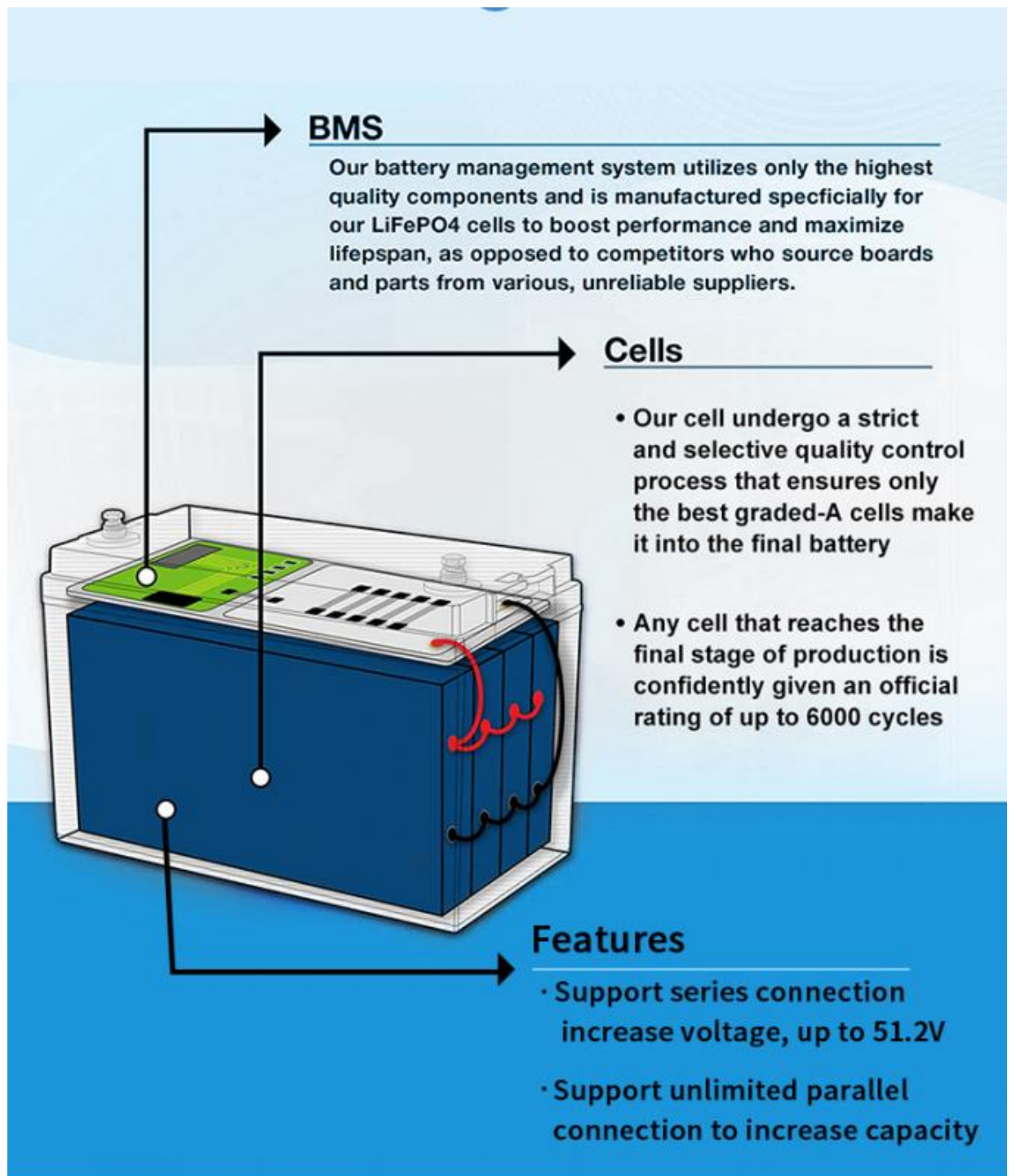


### Certifications

MSDS, UN38.3, CE, FCC, UKCA

# LiFePO4 INTERNAL COMPONENTS





**Built in BMS Protection**



## Built-in BMS Protection



## Connection of Solar Panel( MPPT) and Battery



## Product Information



· ESK-1210P



· ESK-1224B

Item	Specification			
Model	ESK-1210P	ESK-1213S	ESK1220B	ESK1224B
Rated capacity	100Ah (1280WH)	130AH(1664WH)	200AH(2560WH)	240AH(3072WH)
Nominal voltage	12.8V			
Discharge end voltage	10V			
Charging limit voltage	14.6V			
Max charging current	50A		100A	
Max continuous discharging current	100A			200A
Weight(KG)	12.4	15.5	28	31
Display	LCD display			
Dimension (L* W * H) mm	330*170*220	480*240*210	490 * 260* 220	
Design life	20 years			
Cycle life	≥5000 times			≥6000 times
Series connection	Support (optional)			
IP	IP55			
Shell material	Antistatic flame retardant PC			
Charging temperature	0 to + 55 ° C			
Operating temperature	-20 to + 65° C			
Certificate	CE FCC UKCA UN38.3 MSDS			



Protection functions

overcharge protection, over discharge protection, over-current protection, short circuit protection, over temperature protection and low battery alarm.

ACCEPT OEM

# LiFePO<sub>4</sub> APPLICATIONS



## ► MOTIVE POWER



Avg



Wheelchairs



Golf carts



Scissor Lift

## ► RENEWABLE ENERGY STORAGE SYSTEMS



Solar Panel Systems



Wind Power Systems

## ► LOCOMOTION & POWER FOR TRAVEL



RV



Yacht



PHEV

# Two Charging Methods



## Solar Panel Charging

1. Rated Voltage: 12.8V
2. Charging Limit Voltage: 14.6v



# Our Cooperation Partner



**LONGI** 隆基

**PHILIPS**



**Schneider Electric**  
施耐德电气



**ZTE**中兴



**EVE** 亿纬锂能

**CATL**  
宁德时代

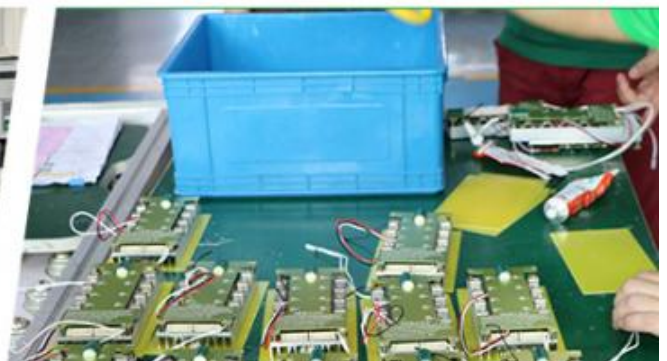
## Complete Product Certification

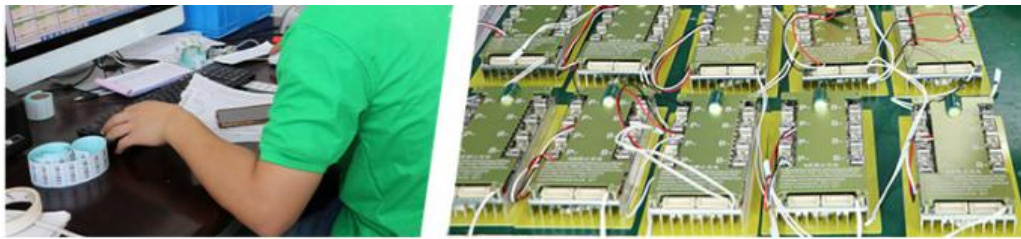






# Factory Show





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