

## IP55 100ah 12V Lithium Battery Lifepo4 Battery For Solar Storage

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
- Minimum Order Quantity: 2 pieces
- Price: \$212.00/pieces 2-40 pieces
- Supply Ability: 10000 Piece/Pieces per Month

ENIKOL



### Product Specification

- Weight: 12.4kg
- The Charging Ratio: 99%
- The Discharge Rate: 98%
- Storage Type: Standard Storage
- 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)
- Rated Voltage: 12.8V
- Display: LCD
- Cycle Life: ≥5000 Times
- Warranty: 3 Years, 3 Years

ENIKOL



### More Images

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## Product Description

Lithium 12v 100ah Lithium Batteries for Solar Best Battery for Solar Storage 12v Lifepo4 Battery 100ah

### Specification

item	value
Brand Name	ENIKOL
Model Number	ESK1210P
Place of Origin	China
	Guangdong
Weight	12.4kg
The charging ratio	99%
The discharge rate	98%
Storage Type	standard storage
Warranty	5years
Anode Material	LFP
Application	Toys, Power Tools, Home Appliances, Consumer Electronics, BOATS, Golf Carts, SUBMARINES, Electric Bicycles/Scooters, Electric Forklifts, electric vehicles, Electric Wheelchairs, Electric Power Systems, Solar Energy Storage Systems, Uninterruptible Power Supplies, Electric Forklifts
Rated Capacity	100AH (1280WH)
Rated Voltage	12.8V
Display	LCD
Cycle Life	≥5000 times
Warranty	3 years
Shell Material	Antistatic flame retardant PC
Series Connection	Support (optional)
Charging Temperature	0 to +55
Operating Temperature	-20 to +65
OEM/ODM	Yes(Accepted)

#### Wide range of applications

Energy Storage:Solar-Wind Power System / City Grid (On/Off) / Community and Family / RV Motorhome /Golf Carts Battery / Boat Marine Yachts / Electric Skateboard / Vehicle.

Back-up System and UPS:Telcom Base / CATV system / Computer Server Center / Medical Instrument / Military Equipment.

Other Applications:Security and Electronics / Mobile POS, Mining Light / Torch / LED Light / Emergency Light / LED Backup / Engine Starting Battery,etc.

### 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

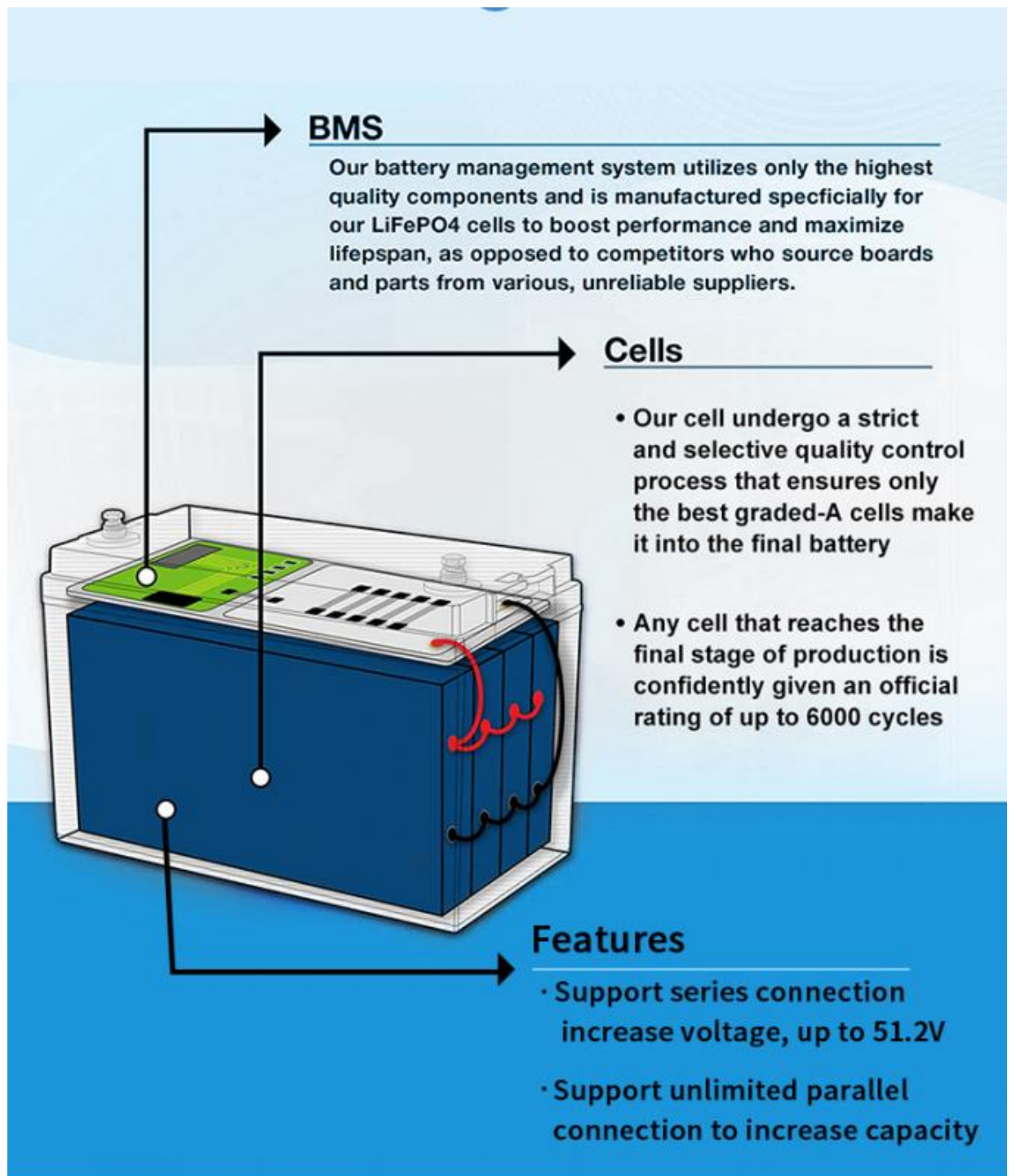


### Certifications

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

# 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

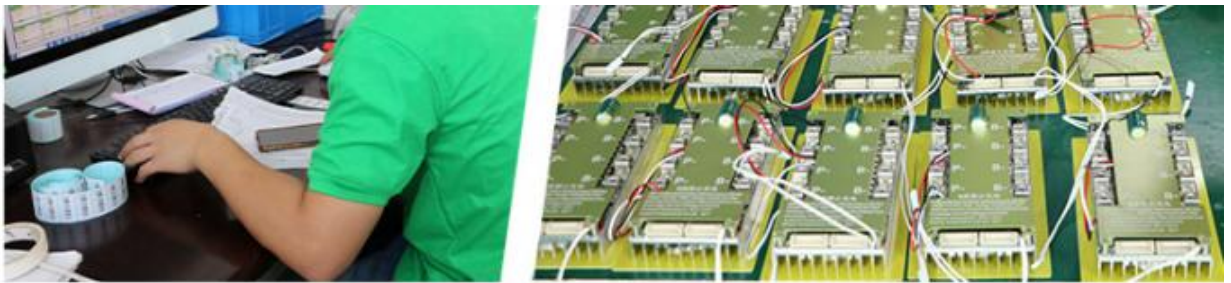




# Factory Show







## FAQ

### 1. who are we?

We are based in Guangdong, China, start from 2021, sell to Mid East(20.00%), Africa(20.00%), Western Europe(15.00%), North America(15.00%), Northern Europe(10.00%), South Asia(10.00%), Eastern Europe(5.00%), South America(5.00%). There are total about 51-100 people in our office.

### 2. how can we guarantee quality?

Always a pre-production sample before mass production;

Always final Inspection before shipment;

### 3.what can you buy from us?

Glow Stick, Energy Storage Lithium Battery, Outdoor Portable Power Supply, Solar Panels, Solar Inverter

### 4. why should you buy from us not from other suppliers?

Damien tech an industry and trade integration enterprise, with super strong technology and production capacity, products include all kinds of power supply, the most important thing is to customize all kinds of power supply according to your needs.

### 5. what services can we provide?

Accepted Delivery Terms: FOB,CIF,EXW,FCA,DDP

Accepted Payment Currency:USD,EUR,AUD,CNY;

Accepted Payment Type: T/T,L/C,D/P D/A,MoneyGram,Credit Card,PayPal,Western Union,Cash;

Language Spoken:English,Chinese,Spanish,Japanese,French

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



86 17727596282



andy@enikolnewenergy.com



enikolnewenergy.com

Guangming District, Shenzhen,Guangdong Province, China