

## Solar Energy 3kw Lifepo4 Battery 240ah 12V Lithium Ion Battery Pack

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
- Certification: CE, FCC, UKCA, UN38.3, MSDS
- Model Number: ESK1224B
- Minimum Order Quantity: 2 pieces
- Price: \$330.00/pieces 2-40 pieces
- Supply Ability: 1000 Set/Sets per Month

ENIKOL



### Product Specification

- Weight: 30.8kg
- Anode Material: LFP
- Application: 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 Su
- Rated Capacity: 240AH (3072WH)
- Rated Voltage: 12.8V
- Display: LCD
- Cycle Life:  $\geq 6000$  Times
- Warranty: 3 Years, 3 Years
- Design Life: 20 Years
- Shell Material: Antistatic Flame Retardant PC
- Series Connection: Support (optional)
- Operating Temperature: 0 To +55

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### More Images

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## Product Description

New Technology 3kw BMS 240ah LifePO4 Battery Solar Energy 12v Lithium Ion Battery Pack

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### Safe and Reliable

New grade A LiFePO4 battery cell



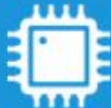
### Longer Lifetime

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

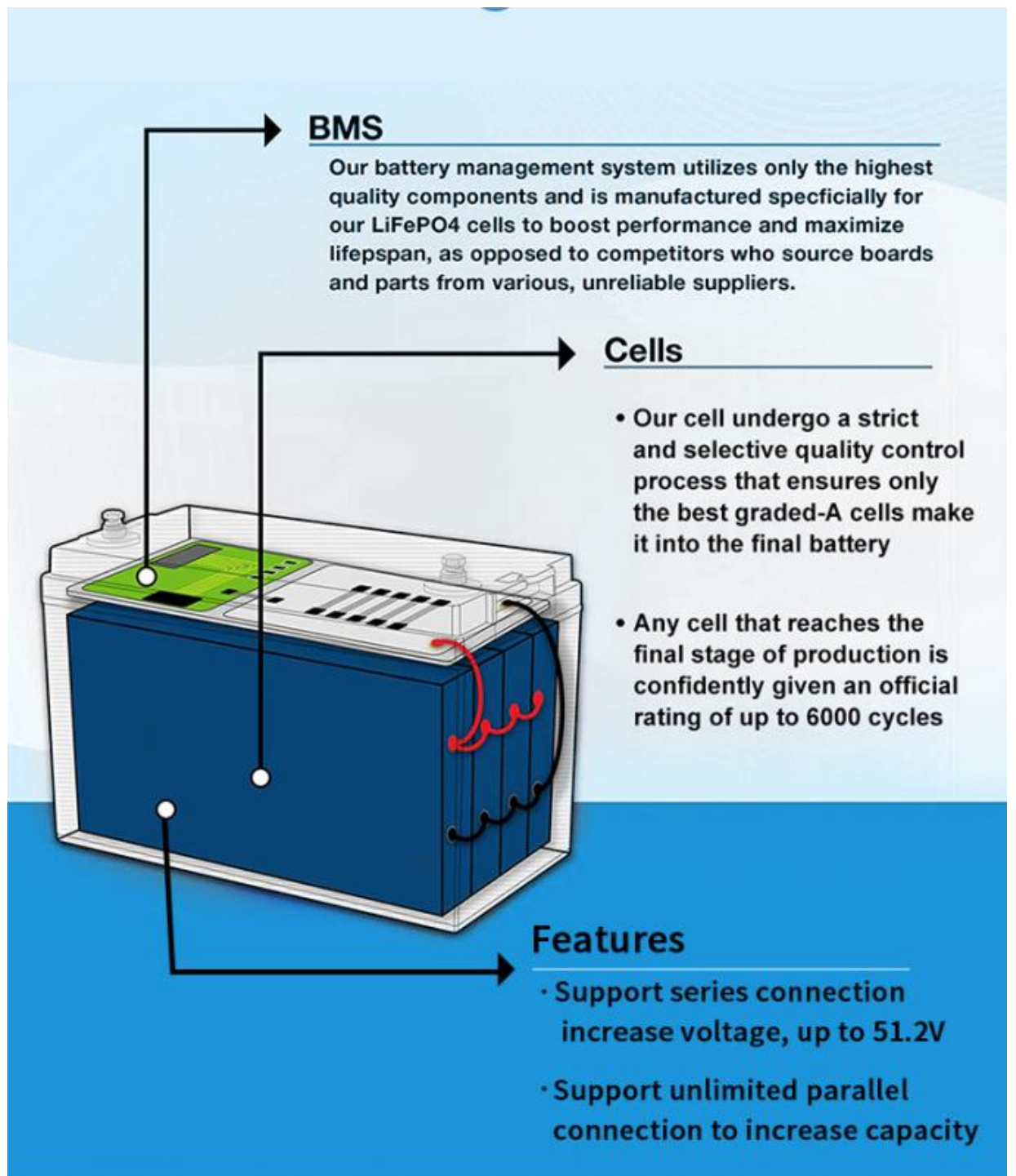


### Certifications

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

# LiFePO4 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

## Specification

item	value
Model Number	ESK-1224B
Place of Origin	China
	Guangdong
Brand Name	ENIKOL
Battery Type	LiFePO4
Rated Capacity	240AH (3072WH)
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

## Company Profile

Damien new energy technology Shenzhen Co., Ltd. is located in Guangming District, Shenzhen, Guangdong Province, China. The company has been committed to the R & D, production and sales of new energy and supporting products. The main products are, energy storage lithium battery, outdoor portable power supply, solar panels and its components, solar inverter, glow stick and so on. The products are widely used in large-scale photovoltaic energy storage projects, UPS energy storage, outdoor emergency, household energy storage, electric vehicles, security products, fire emergency equipment, various digital electronic equipment, etc. With high-quality products, good reputation and excellent services, it is sold well in Europe, North America, the Middle East, Southeast Asia, Africa and other countries. The company has more than 10 senior engineers and more than 40 professional technicians. Damien has the ability to provide customers with all-round design and manufacturing. We can customize these products according to your needs and provide them to customers all over the world. Damien new energy has won wide praise for its excellent quality in the field of lithium battery and photovoltaic energy storage. The company has always adhered to the principle of, quality first, customer first, high-quality service and abiding by the contract, to provide customers with high-quality products and high efficiency services. We will serve our customers wholeheartedly to achieve a win-win situation.

## FAQ

### 1. who are we?

We are based in Guangdong, China, start from 2021, sell to Africa (20.00%), Mid East (20.00%), North America (15.00%), Western Europe (15.00%), South Asia (10.00%), Northern Europe (10.00%), South America (5.00%), Eastern Europe (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.



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