



Solar Energy RV LiFePo4 Battery 3000wh 100ah 240ah 12V Lithium Ion Battery Pack

Our Product Introduction

for more products please visit us on enikolnewenergy.com

Basic Information

- Place of Origin: Guangdong, China
- Brand Name: ENIKOL
- Model Number: ESK1210P/ ESK1224B
- Minimum Order Quantity: 2 pieces
- Price: \$207.00 - \$451.00/pieces
- Supply Ability: 1000 Piece/Pieces per Week



Product Specification

- Weight: 30.8kg
- 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 Forklifts, Electric Vehicles, Electric Wheelchairs, Electric Power Systems, Solar Energy Storage Systems, Uninterruptible Power Su
- Rated Capacity: 100AH(1280WH)/ 240AH(3072WH)/ Customized
- Rated Voltage: 12.8V
- Display: LCD
- Cycle Life: ≥6000 Times



More Images



Product Description

New Products 3000wh 12v BMS for Lithium Ion Batteries Pack 240ah Lifepo4 100ah Battery Solar Energy

Specification

| item | value |
|-----------------------|--|
| Brand Name | ENIKOL |
| Model Number | ESK1210P/ ESK1224B |
| Place of Origin | China |
| | Guangdong |
| Weight | 30.8kg |
| The charging ratio | 99% |
| The discharge rate | 98% |
| Storage Type | standard storage |
| Warranty | 3 years |
| 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)/ 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 |

* Lithium iron phosphate battery is characterised by outstanding durability, current performance and charging speed. It also has a longer lifetime and is a more lightweight alternative to lead-acid batteries.

* The long battery life and high durability, low weight and current parameters are the reasons why these batteries are used in leisure vehicles and campers, in boats and in photovoltaics providing power to homes using solar panels.

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

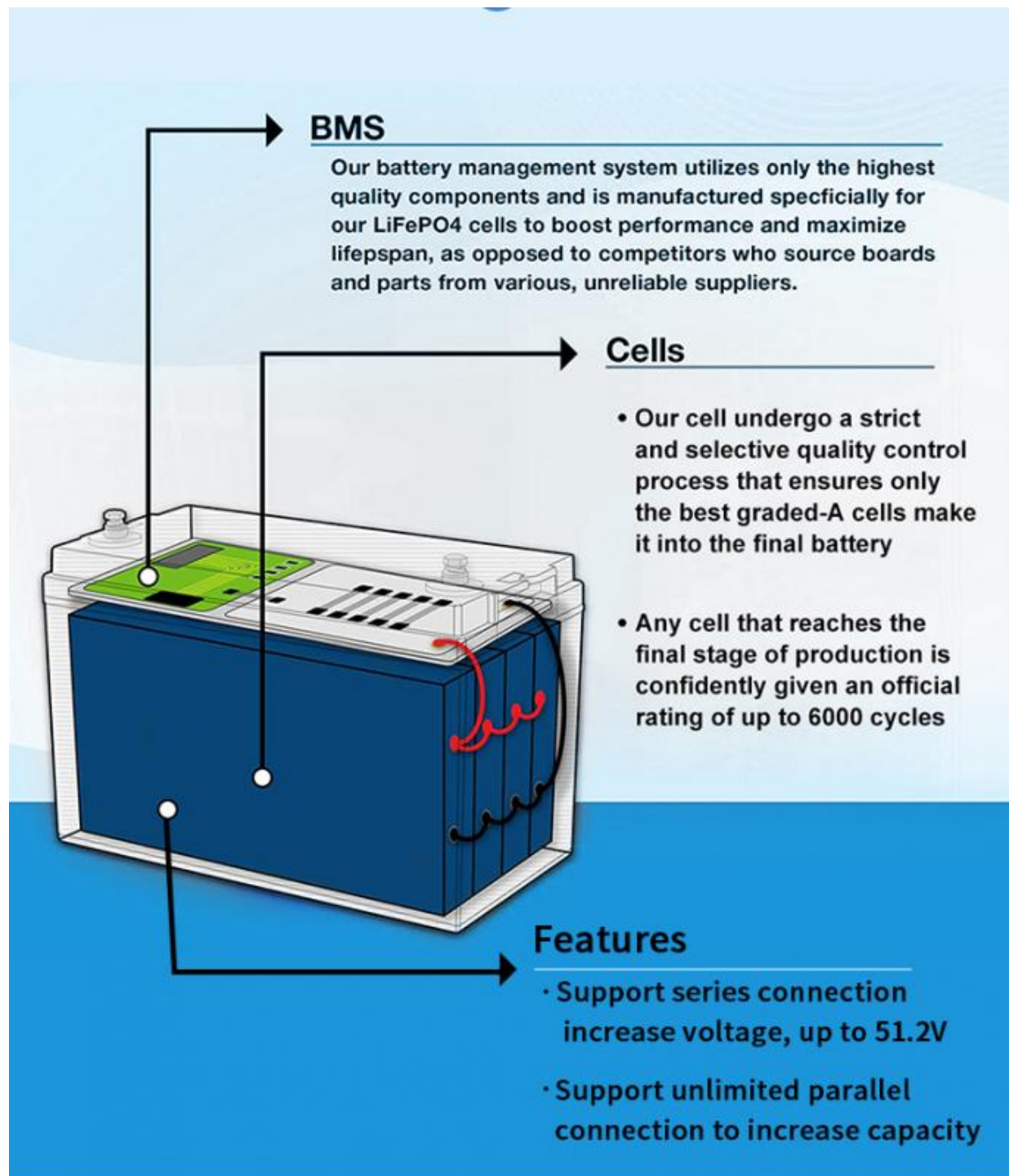


Certifications

MSDS, UN38.3, CE, FCC, UKCA

LiFePO4 INTERNAL COMPONENTS





Built in BMS Protection

Built-in BMS Protection



Connection of Solar Panel(MPPT) and Battery



· 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

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

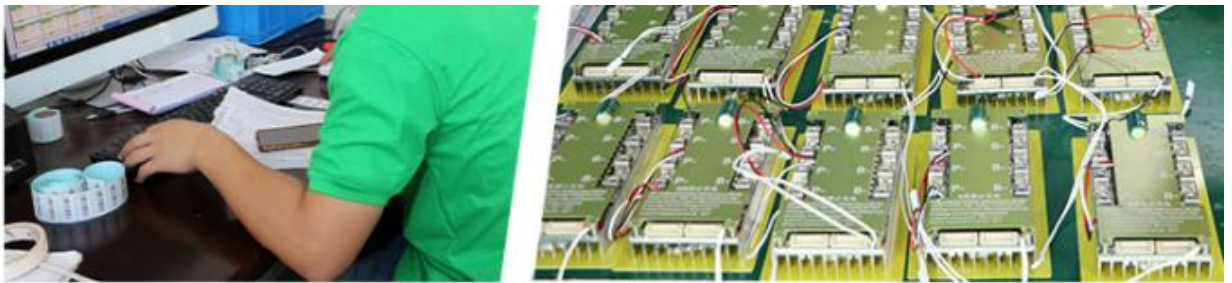
Complete Product Certification





Factory Show





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