



12V EV Marine Lithium Ion Battery 100ah 130ah 200ah BMS For Solar Energy Storage

Our Product Introduction

for more products please visit us on enikolnewenergy.com

Basic Information

- Place of Origin: Guangdong, China
- Brand Name: ENIKOL
- Certification: MSDS. CE. FCC. UKCA
- Model Number: ESK1210P/ESK1213S/ESK1220B/ESK1224B
- Minimum Order Quantity: 10 pieces
- Price: \$219.00/pieces 10-49 pieces
- Packaging Details: Colorful box
- Supply Ability: 10000 Set/Sets per Month



Product Specification

- Battery Type: Lithium Ion
- Output Power Range: 0-5 KWh
- Weight: 12.4kg
- System Type: Stackable
- Type: Split
- Communication Port: CAN, RS232, RS485
- Protection Class: IP55
- Rated Capacity: 100AH(1280WH)/130AH(1664WH)/200AH(2560WH)
- Rated Voltage: 12.8V
- Discharge End Voltage: 10V
- Charging Limit Voltage: 14.6V
- Max Charging Current: 50A/100A
- Max Continuous Discharge Current: 100A/200A
- Display: LCD



More Images




Product Description






Battery Lithium Ion 12v 100ah 130ah 200ah BMS For Home Solar Energy Storage For EV Marine

Our battery management system utilizes only the highest quality components and is manufactured specifically for our LiFePO₄ cells to boost performance and maximize lifespan, as opposed to competitors who source boards and parts from various, unreliable suppliers.

Product Description




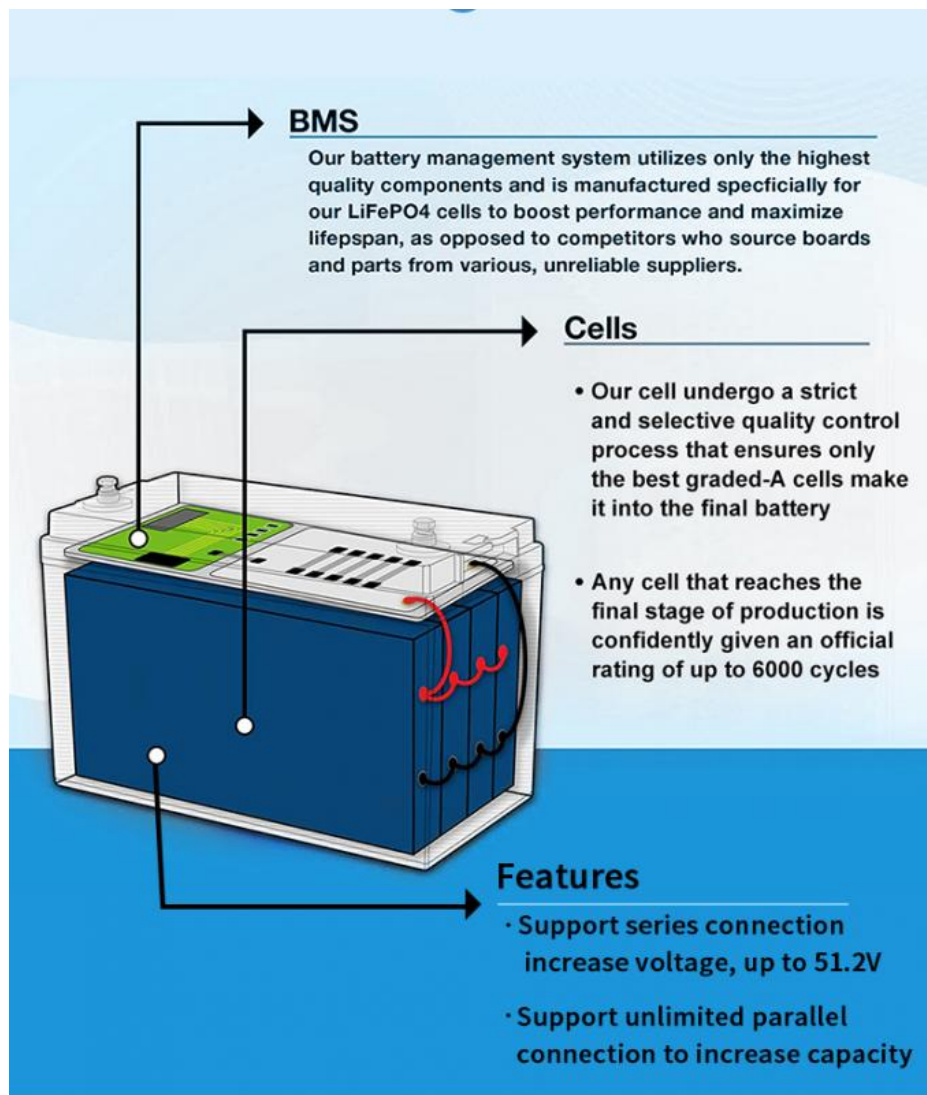


 Safe and Reliable New grade A LiFePO4 battery cell	 Longer Lifetime More than 5000 cycles, 20 years of design life	 Intelligent BMS Equalization module, balance all battery cells in short time
 Automatic Protection Built-in 6 automatic protection function, more secure	 Series Connection Support series connection to increase voltage, up to 51.2V	 Certifications MSDS, UN38.3, CE, FCC, UKCA

LiFePO4

INTERNAL COMPONENTS



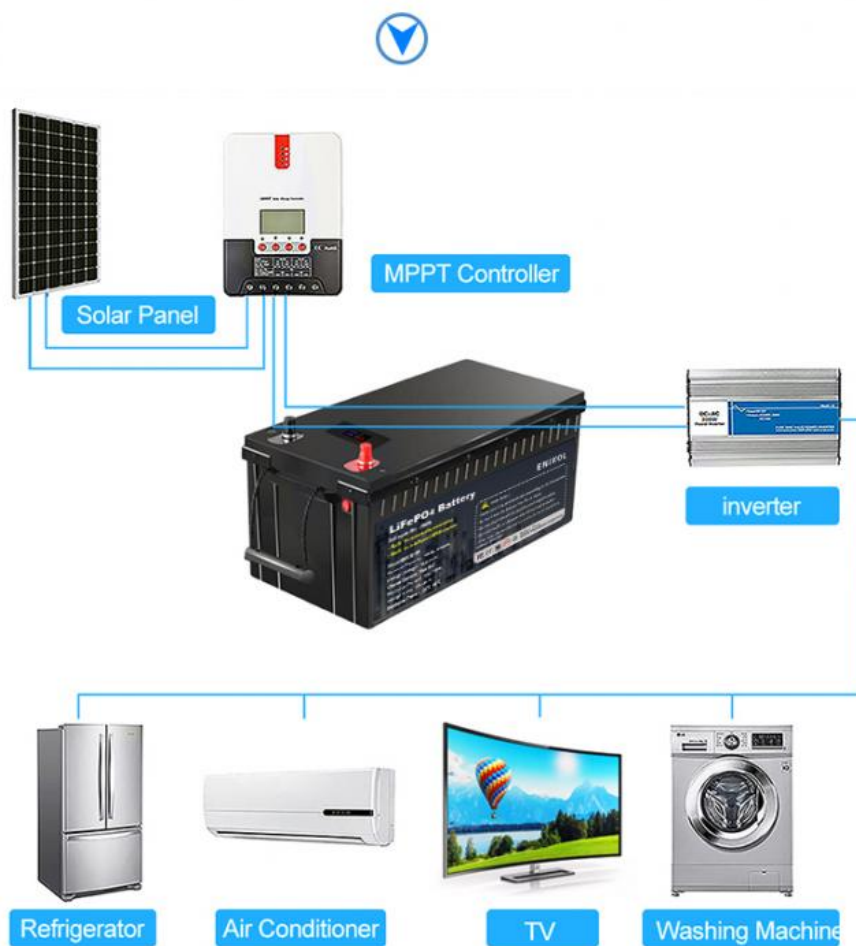


Built in BMS Protection

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 Systwms

► LOCOMOTION & POWER FOR TRAVEL



RV



Yacht



PHEV

Two Charging Methods



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

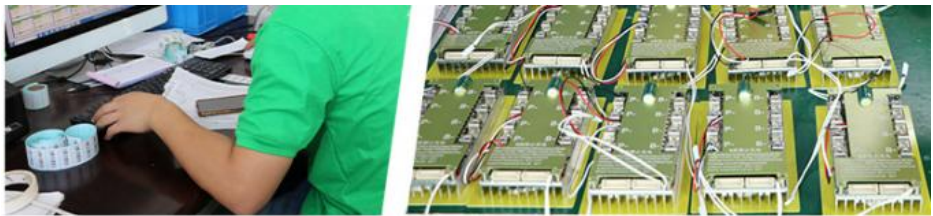
Complete Product Certification



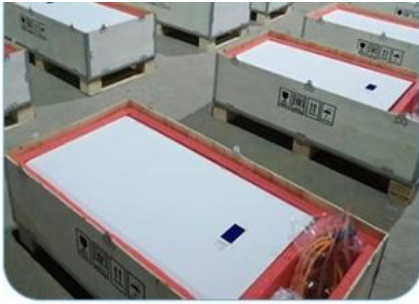


Factory Show





Packaging & Shipping



Specification



- ☐ EPA series
- ☒ ESK series
- ☐ ESI series
- ☐ EPK series
- ☐ ESP series
- ☐ EPH series

LiFePO4 Solar Battery

- LiFePO4 pack, Safe and reliable
- Built-in intelligent BMS system optimize the performance
- Built-in automatic protection can prevent overcharge, overdischarge, overvoltage, short circuit and over temperature
- Support series module (optional)
- Cycle life ≥ 5000 times
- 3 years warranty, the design life is 20 years
- LCD display can show battery data
- Excellent standby power consumption is as low as 4mA and can automatically enter sleep
- High energy density and conversion efficiency
- Customized services, support customers to customize capacity, voltage etc.

OEM / ODM



Characteristic

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Company Information

COMPANY DYNAMIC



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 whole heartedly to achieve a win-win situation!



Damien new energy is 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.

FAQ

1. who are we?

We are based in Guangdong, China, start from 2021, sell to South America(30.00%), Eastern Europe(30.00%), North America(20.00%), Domestic Market(2.00%), South Asia(2.00%), Southern Europe(2.00%), Northern Europe(2.00%), Western Europe(2.00%), Eastern Asia(2.00%), Mid East(2.00%), Oceania(2.00%), Africa(2.00%), Southeast Asia(2.00%). There are total about 11-50 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?

power supply, portable power station, Outdoor power supply, Energy storage power supply, Lithium battery products

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

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