



## Lifepo4 Lithium Ion 12V Lithium Battery Pack 100ah 130ah Home Battery Storage System

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/MSDS/UN38.3
- Model Number: ESK1213D
- Minimum Order Quantity: 2 pieces
- Price: \$337.00/pieces 2-39 pieces
- Supply Ability: 10000 Piece/Pieces per Month

ENIKOL  
25.6V 130Ah



### Product Specification

- Battery Type: Lithium Ion
- Output Power Range: 0-5 KWh
- Dimension (L\*W\*H): 330\*200\*220mm
- Weight: 19kg
- System Type: Pack
- Type: Split
- Grid Connection: Off Grid, Hybrid Grid
- Rated Capacity: 130AH(1664WH)
- Rated Voltage: 12.8V
- Display: LCD
- Cycle Life: ≥6000 Times
- Shell Material: Black Painted Steel (optional)
- Size: 330\*200\*220mm
- N,W: 19kg
- Design Life: 20 Years



### More Images



## Product Description

Solar Energy 12v Lifepo4 100ah Battery Lithium Ion Battery Pack 130ah Home Battery Storage System

### Specification

item	value
Model Number	ESK-1213D
Place of Origin	China
	Guangdong
Brand Name	ENIKOL
Battery Type	LiFePO4
Rated Capacity	130AH(1664WH)
Rated Voltage	12.8V
Display	LCD
Cycle Life	≥6000 times
Shell Material	Black painted steel (optional)
Size	330*200*220mm
N,W	19kg
Design life	20 years
Other functions	support Bluetooth, series connection and heating functions (optional)
Certification	CE/FCC/MSDS/UN38.3

#### Advantages of LifePO4 battery:

1. Green energy, Non-toxic, non-polluting, a wide range of raw materials, cheap
2. Long life cycle over 2000 times;
3. It without heavy metals and environment friendly.
4. Maintenance free
5. Internal BMS with full protection, the battery has high voltage protection with higher reliability.
6. No memory effect
7. High-temperature performance is good
9. High safety, no explosion, no fire

### Product Description

# Lithiumiron Phosphate(LiFePO4)

## 12.8V 25.6V 51.2V LiFePO4 pack



**All round protection**  
6 kinds of safety electricity protection





Over temperature

Overvoltage

Overcharge



Low voltage alarm



Overdischarge



Short Circuit



# High quality battery cell

## Lithium Iron Phosphate(LiFePO4)



# 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



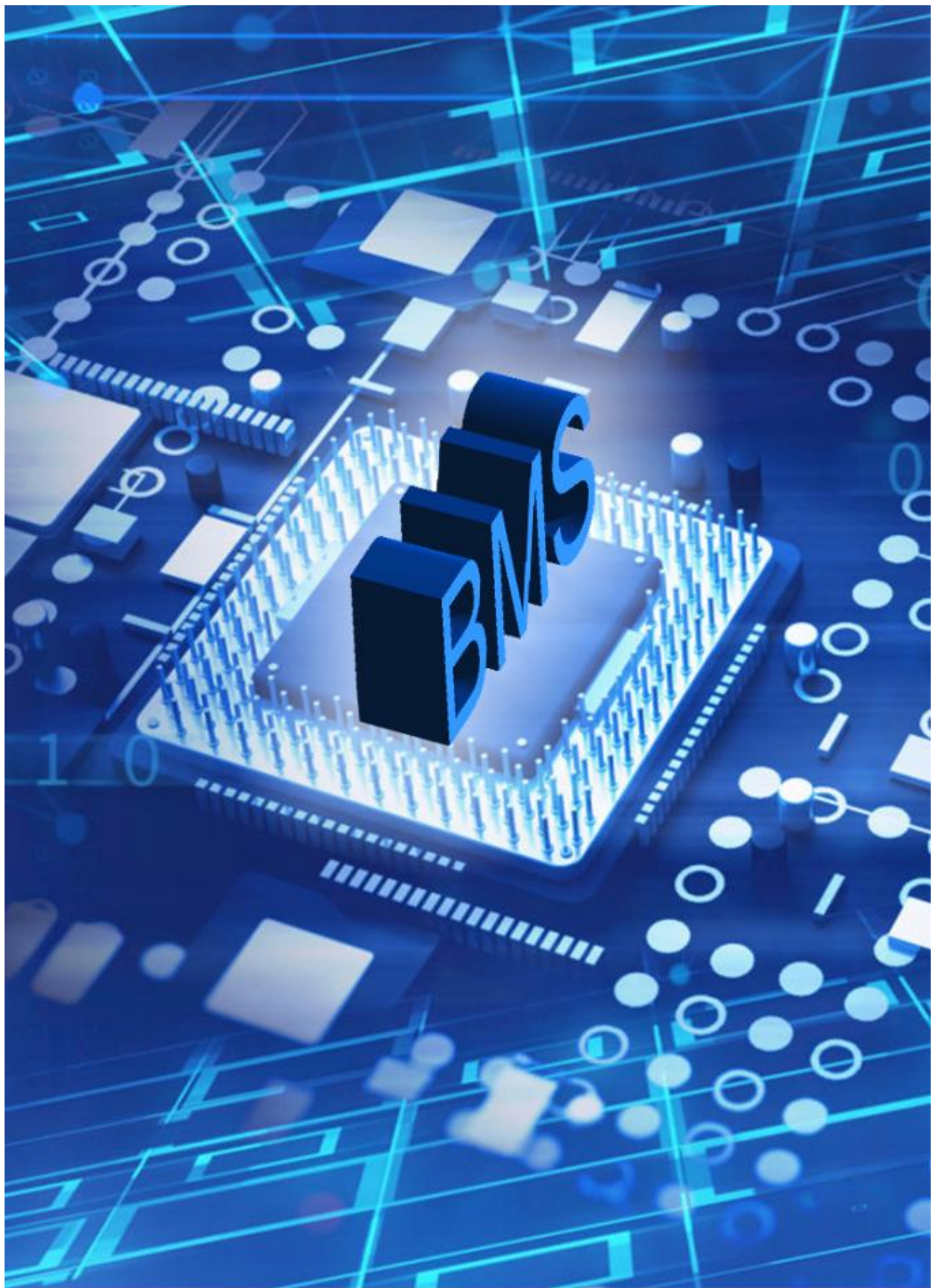
Yacht



PHEV

**Built-in intelligent BMS  
system optimize the performance**





## **Product Parameters**



## OEM and ODM services

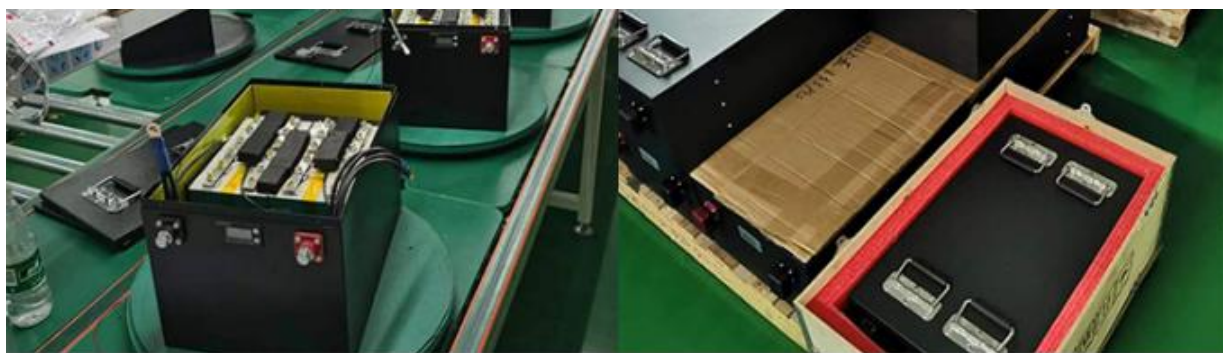
Item	Specification				
Model	ESK-1213D	ESK1226D	ESK2413D	ESK2420D	ESK4820D
Rated capacity	130Ah(1664WH)	260AH(3328WH)	130Ah(3328WH)	200AH(5120WH)	200AH(10240WH)
Rated Voltage	12.8V		25.6V		51.2V
Charging limit voltage	14.6V		29.2V		58.4V
Max charging current	50A-120A				
Max continuous discharging current	100A-200A				
Weight(KG)	19	36.5		40	82
Display	LCD display				
Dimension (L* W * H) mm	330*200*220	380*200*310		530*320*210	530*400*320
Design life	20 years				
Cycle life	≥6000 times				
Other functions	Support serial connection, Bluetooth and battery heating functions (optional)				
Shell material	Black painted steel (optional)				
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 voltage alarm.				

Customize the voltage, capacity and appearance according to your requirements, and also can use your authorized brand and trademark

# Product Photograph







## Complete Product Certification

 <b>CMC TESTING</b> 众维检测		Report No.: CMC220721006M01	
<h2>Material Safety Data Sheet</h2> <h3>化学品安全技术说明书</h3>			
Report No.:	CMC220721006M01		
报告编号:			
Name of sample:	LiFePO <sub>4</sub> battery pack		
样品名称:	磷酸铁锂电池		
Model:	ESK-1213D		
型号:			
Type:	12.8V 130AH 1664WH		
规格:			
Client:	Damien new energy technology (Shenzhen) Co., Ltd		
委托单位:	达米尼新能源科技(深圳)有限公司		
Address:	Plant A, Yanning mould Industrial Park, Gengyu Road, Tiansuo community, Yutang street, Guangming District, Shenzhen		
地址:	深圳市光明区玉塘街道新玉社区新玉路特发模具工业园1厂A栋		
Tested:	Ruben Sun 孙润强	Approved:	Peter Li 李锐
检测:		批准:	
Reviewed:	Jing Du 杜婧		
审核:			
Date of Issue:	2022-08-01	Sent of CMC:	
签发日期:		CMC 审查:	
<b>CMC Testing International (Shenzhen) Co., Ltd.</b> <b>众维检测认证(深圳)有限公司</b>			
<small>           101, Building B, Kaitummen Industrial Park, Linyan Road, Heping Community, Fuhai Street, Baoan District, Shenzhen, Guangdong, China            中国广东省深圳市宝安区福海街道和平社区林仙路101号B座         </small>			
400-1888-525	cmc@cmctesting.com	www.cmc-testing.com	C / J - 02

This certificate is representative for testing samples only.  
Please refer to the corresponding test report for full testing procedures and results.

# CERTIFICATE

## ATTESTATION of conformity with UK legislation

Certificate's Holder	Damen new energy technology (Shenzhen) Co., Ltd.
Address	Plant A, Yeming mould industrial Park, Genyu Road, Tianlan community, Yalong street, Guangming District, Shenzhen, China
Manufacturer	Damen new energy technology (Shenzhen) Co., Ltd.
Address	Plant A, Yeming mould Industrial Park, Genyu Road, Tianlan community, Yalong street, Guangming District, Shenzhen, China
Product Name	Power Li-ion battery
Product Model (S)	ESKA820CWP, ESKA820CW, ESKA812CW, ESKA810CR, ESKA805CR, ESA818ACDPW, ESKA82SD, ESKA82HD, SKAR8ZD, ESKA82SCV, ESKA82DCVP
Trade Mark	N/A

### Complies with the requirements of:

UK EMC Regulations (SI 2016/1091) Emissions (Schedule 1, I.a)	- BS EN IEC 61000-6-3:2021
UK EMC Regulations (SI 2016/1091) Immunity (Schedule 1, I.b)	- BS EN IEC 61000-6-1:2019

Certificate Number	- HK220006421HE
Report No.	- HK220006421-IER
Registration Date	- Sep. 30, 2022

#### General Remarks:

- The tests were performed in normal operation mode.
- The test results apply only to the production version tested.
- No verification does not imply acceptance of the producer of the product.
- This UKCA marking may be affixed on the product if all relevant UK legislative are fulfilled.

Shenzhen HJHK Testing Technology Co., Ltd.

Room 110F, Building B1, Juchang Pingjiang Office Innovation High Industry Park Phase Three, Nanshan District, Shenzhen - Guangdong China  
No. 36, Hebei Street, Nanhai District, Foshan City, Guangdong Province, People's Republic of China


 This certificate is responsible for testing sample only.  
 Please refer to the corresponding report to get testing procedure and rules.

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## SUPPLIER'S DECLARATION OF CONFORMITY

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### ATTESTATION

The Product has been tested and found compliance with the requirement of 47 CFR of  
 PART 15 test for radiation and conduction emission.

Based on the following criteria and procedures, product complies with FCC rules conformity  
 assessment:

Certificate's Holder	Dansen new energy technology (Shenzhen) Co., Ltd.
Address	Plant A, Yeming mould Industrial Park, Gemyu Road, Tantian community, Yutang street, Guangdong District, Shenzhen, China
Manufacturer	Dansen new energy technology (Shenzhen) Co., Ltd.
Address	Plant A, Yeming mould Industrial Park, Gemyu Road, Tantian community, Yutang street, Guangdong District, Shenzhen, China
Product Name	Power Li-ion battery

Verification: Yanping Chen    Supervisor: Yanping Chen    Date: 2019-09-09

This signature is responsible for testing results only.  
Please refer to the corresponding test report to get testing processes and data.

# CERTIFICATE

## ATTESTATION Certificate of Compliance

Technical file of the company mentioned below has been inspected and audit has been completed successfully.  
The EMC Directive 2014/30/EU has been taken into consideration for these products.

Certificate's holder	Damien new energy technology (Shenzhen) Co., Ltd.
Address	Plant A, Yeming mould Industrial Park, Gengyu Road, Tiankai community, Yuhang street, Guangming District, Shenzhen, China
Manufacturer	Damien new energy technology (Shenzhen) Co., Ltd.
Address	Plant A, Yeming mould Industrial Park, Gengyu Road, Tiankai community, Yuhang street, Guangming District, Shenzhen, China
Product Name	Power Lion battery





# Our Cooperation Partner

**LONGI** 隆基

**PHILIPS**



**Schneider Electric**  
施耐德电气

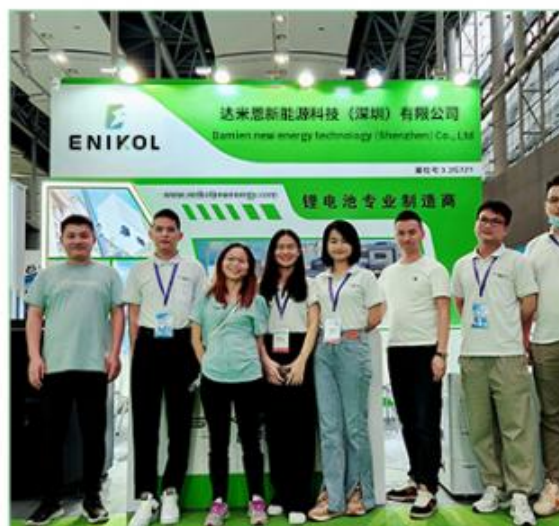
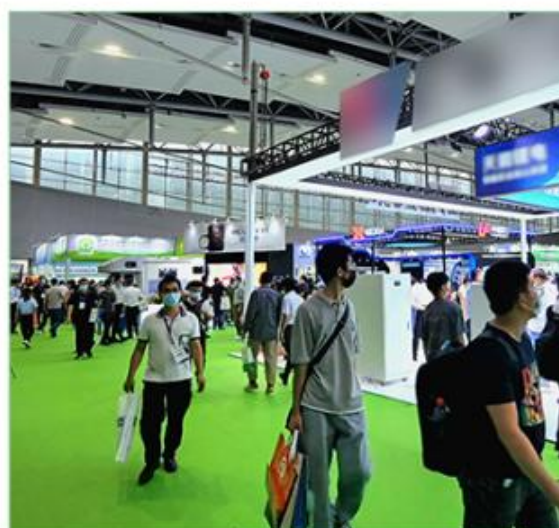
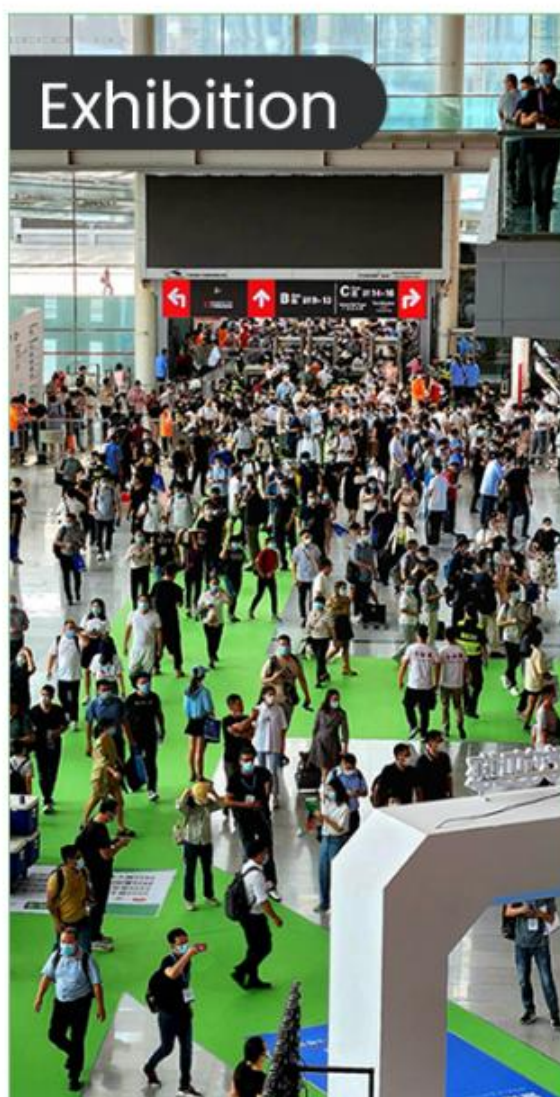


**ZTE** 中兴



**EVE** 亿纬锂能

**CATL**  
宁德时代



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

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