

## 100ah 130ah 3kwh 24V Lithium Battery Solar Lifepo4 Battery With Bms

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: ESK2413D
- Minimum Order Quantity: 2 sets
- Price: \$586.00/sets 2-49 sets
- Packaging Details: Colorful box



### Product Specification

- Battery Type: Lithium Ion
- Output Power Range: 0-5 KWh
- Dimension (L\*W\*H): 380\*200\*310mm
- Weight: 36.7KG
- System Type: Metal Simple Version
- Type: Split
- Grid Connection: Off Grid, Hybrid Grid
- Rated Capacity: 130AH(3328WH)
- Rated Voltage: 25.6V
- Discharge End Voltage: 20V
- Charging Voltage: 29.2V
- Max Charging Current: 50A
- Max Continuous Discharge Current: 100A
- Display: LCD



### More Images



Our Product

### Product Description

Manufacturer 130ah 3kwh Baterry Lifepo4 24v Solar Battery 100ah Lithium Power Batteries With Bms

#### Specification

item	value
Place of Origin	China
	Guangdong

Brand Name	ENIKOL
Model Number	ESK-D
Battery Type	Lithium Ion, LiFePO4, Other
Rated Capacity	25.6V130AH(3328WH)
Rated Voltage	25.6V
Display	LCD
Cycle life	≥ 6000 times
Warranty	3 years
Design Life	20 years
Charging temperature	0 to +55
Operating temperature	-20 to +65
Shell Material	Black painted steel(optional)
Other fuctions	Support series connection, bluetooth and battery heating (optional)

**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

**Product Description**

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# 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

## Lithiumiron Phosphate(LiFePO4)



# 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

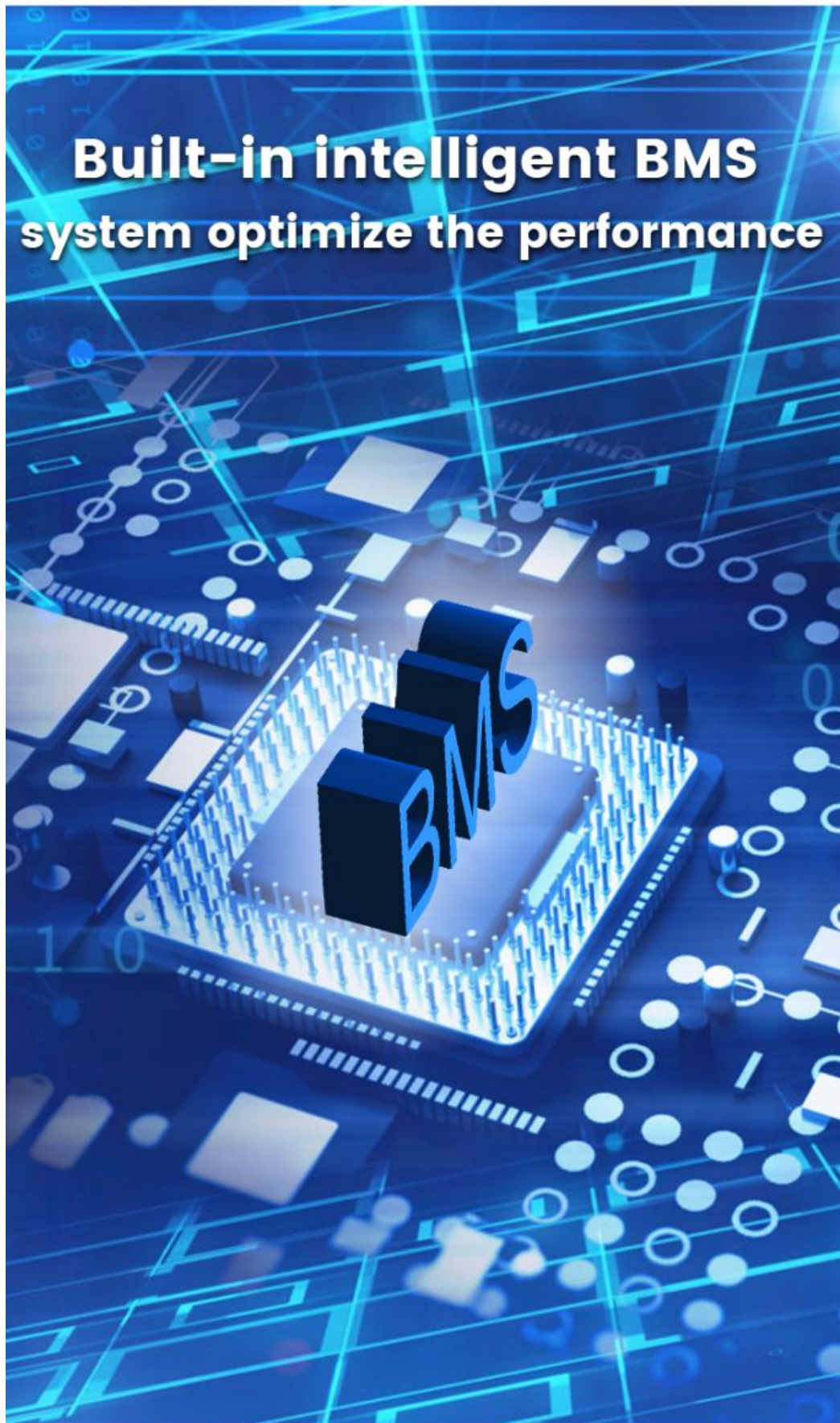


Yacht



PHEV

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





# Product Parameters

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## 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

**Material Safety Data Sheet**  
化学品安全技术说明书

Report No.: CMC20221006A01

Name of sample: LFP/PO4 battery pack  
样品名称: 磷酸铁锂电池包

Model: ESX-1213D  
型号: ESX-1213D

Type: 12.8V 130AH 1654WH  
类型: 12.8V 130AH 1654WH

Client: Damien new energy technology (Shenzhen) Co., Ltd.  
送检单位: 达米新能源科技(深圳)有限公司

Address: Plant A, Yeming mould industrial Park, Gengyu Road, Tanliao community, Yutang street, Guangdong District, Shenzhen, China  
地址: 深圳市宝安区西乡街道社区街道办西乡社区西乡工业路A栋7楼A座

Tested: Robert Sun  
检测: Robert Sun

Reviewed: [Signature]  
审核: [Signature]

Date of issue: 2022-08-01  
颁发日期: 2022-08-01

CMC Testing International (Shenzhen) Co., Ltd.  
众测检测认证(深圳)有限公司

101, Building B, Huihuang Industrial Park, Lianhua Road, Huihuang Community, Futian Street, Baotian District, Shenzhen, Guangdong, China  
101, 宝田工业区B栋, 莲华路, 莲华社区, 福田街道, 宝田区, 深圳, 广东, 中国

400-1088-020 www.cmc-test.com.cn

**CERTIFICATE**  
ATTESTATION  
of conformity with UK legislation

Certificate's Holder: Damien new energy technology (Shenzhen) Co., Ltd.  
Address: Plant A, Yeming mould industrial Park, Gengyu Road, Tanliao community, Yutang street, Guangdong District, Shenzhen, China  
Manufacturer: Damien new energy technology (Shenzhen) Co., Ltd.  
Address: Plant A, Yeming mould industrial Park, Gengyu Road, Tanliao community, Yutang street, Guangdong District, Shenzhen, China  
Product Name: Power Lixen Battery  
Product Model (S): ESK4820CWP, ESK4820CW, ESK4810CW, ESK4810CR, ESK4805CR, ESK4818ACWP, ESK4820D, ESK4820, ESK4820CV, ESK4820CP  
Trade Mark: A&K

Complies with the requirements of the:

UK EMC Regulations (19/2018/1001) (Emission) Schedule 1.1 a)	- BS EN IEC 61000-6-3:2021
UK EMC Regulations (19/2018/1001) (Immunity) Schedule 1.1 b)	- BS EN IEC 61000-6-1:2019

Certificate Number: HK2200064310E  
Report No.: HK2200064310-1ER  
Registration Date: Sep. 30, 2022

UKCA

Shenzhen HJAX Testing Technology Co., Ltd.  
101, Building B, Huihuang Industrial Park, Lianhua Road, Huihuang Community, Futian Street, Baotian District, Shenzhen, Guangdong, China  
101, 宝田工业区B栋, 莲华路, 莲华社区, 福田街道, 宝田区, 深圳, 广东, 中国

**SUPPLIER'S DECLARATION OF CONFORMITY**  
ATTESTATION

The Product has been tested and found compliance with the requirement of 4T CFR of 7345T 15 test for radiation and conduction emission.  
Based on the following criteria and procedures, product complies with FCC rules conformity assessment:

Certificate's Holder: Damien new energy technology (Shenzhen) Co., Ltd.  
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Manufacturer: Damien new energy technology (Shenzhen) Co., Ltd.  
Address: Plant A, Yeming mould industrial Park, Gengyu Road, Tanliao community, Yutang street, Guangdong District, Shenzhen, China  
Product Name: Power Lixen battery  
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Trade Mark: N/A  
Procedure: ANSI C63-4:2019  
Related Standards: FCC Part 15 Subpart B

Certificate Number: HK2200064310E  
Report No.: HK2200064310-1ER  
Registration Date: Sep. 30, 2022

FC

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101, Building B, Huihuang Industrial Park, Lianhua Road, Huihuang Community, Futian Street, Baotian District, Shenzhen, Guangdong, China  
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**CERTIFICATE**  
ATTESTATION  
Certificate of Compliance

Technical file of the company mentioned below has been inspected and audit has been completed satisfactorily.  
The EMC Directive 2014/53/EU has been taken as reference for these processes.

Certificate's Holder: Damien new energy technology (Shenzhen) Co., Ltd.  
Address: Plant A, Yeming mould industrial Park, Gengyu Road, Tanliao community, Yutang street, Guangdong District, Shenzhen, China  
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Trade Mark: N/A  
Related Directive: 2014/53/EU  
Related Standards: EN IEC 61000-6-3:2021  
EN IEC 61000-6-1:2019

Certificate Number: HK2200064310E  
Report No.: HK2200064310-1ER  
Registration Date: Sep. 30, 2022

CE

Shenzhen HJAX Testing Technology Co., Ltd.  
101, Building B, Huihuang Industrial Park, Lianhua Road, Huihuang Community, Futian Street, Baotian District, Shenzhen, Guangdong, China  
101, 宝田工业区B栋, 莲华路, 莲华社区, 福田街道, 宝田区, 深圳, 广东, 中国



# Our Cooperation Partner

**LONGi** 隆基

**PHILIPS**



**Schneider Electric**  
施耐德电气

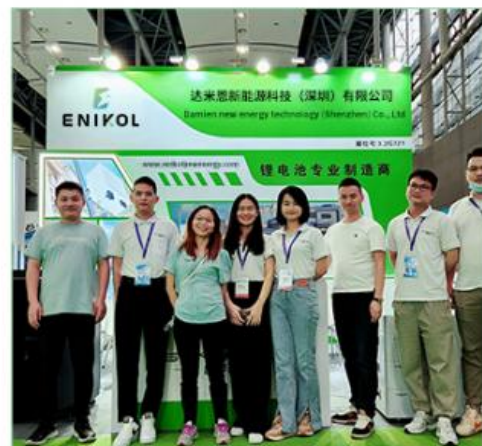
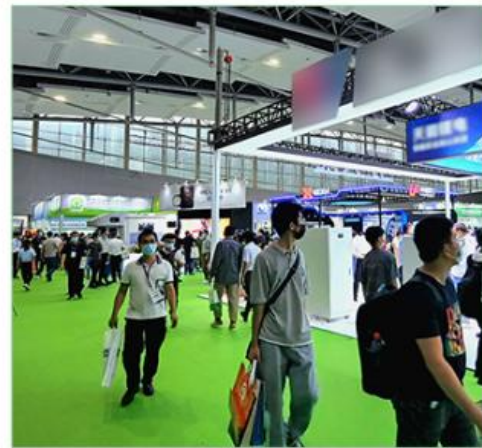
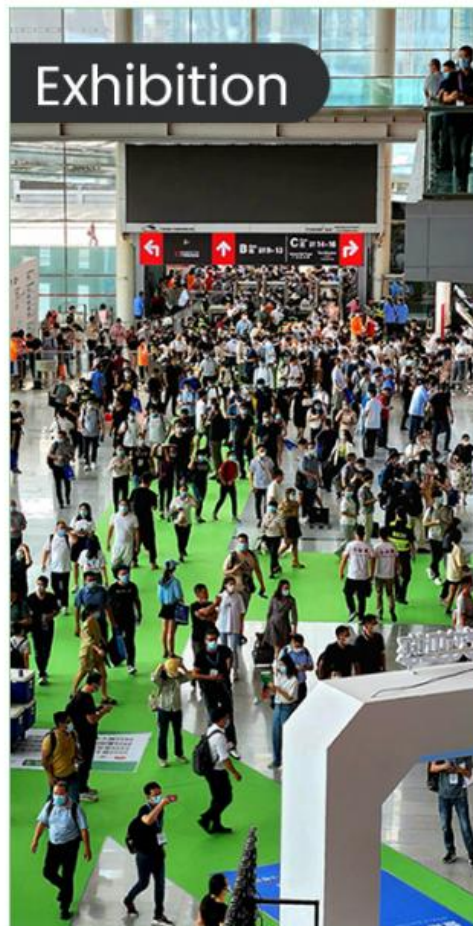


**ZTE** 中兴



**EVE** 亿纬锂能

**CATL**  
宁德时代



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

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🌐 [enikolnewenergy.com](http://enikolnewenergy.com)

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