

Home Energy Storage 48V Lithium Battery 200ah 24V Lifepo4 Golf Cart Battery

Our Product Introduction

for more products please visit us on enikolnewenergy.com

Basic Information

- Place of Origin: Guangdong, China
- Brand Name: ENIKOL
- Certification: CE, FCC, UKCA, UN38.3, MSDS
- Model Number: ESK2420D/ ESK4820D
- Minimum Order Quantity: 2 pieces
- Price: \$811.00 - \$1,342.00/pieces
- Packaging Details: Colorful box
- Supply Ability: 10000 Piece/Pieces per Month



Product Specification

- Weight: 82kg
- 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 Vehicles, Electric Wheelchairs, Electric Power Systems, Solar Energy Storage Systems, Uninterruptible Power Supplies, Electric For
- Rated Capacity: 25.6V200AH (5120WH)/51.2V200AH(10240WH)
- Rated Voltage: 25.6V/ 51.2V
- Display: LCD
- Cycle Life: ≥ 6000 Times



More Images



Product Description

Home Energy 24v Storage Systems Lifepo4 Batterie Solaire Lithium 200ah 48v Golf Cart Batteries

Specification

item	value
Brand Name	ENIKOL
Model Number	ESK2420D/ ESK4820D
Place of Origin	China
	Guangdong
Weight	82kg
The charging ratio	99%
The discharge rate	98%
Storage Type	standard storage
Warranty	5 years
Anode Material	LFP
Application	Toys, Power Tools, Home Appliances, Consumer Electronics, BOATS, Golf Carts, SUBMARINES, Electric Bicycles/Scooters, electric vehicles, Electric Wheelchairs, Electric Power Systems, Solar Energy Storage Systems, Uninterruptible Power Supplies, Electric Forklifts
Rated Capacity	25.6V200AH (5120WH)/51.2V200AH(10240WH)
Rated Voltage	25.6V/ 51.2V
Display	LCD
Cycle life	≥ 6000 times
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)
OEM/ODM	Yes(Accepted)
Certification	CE, FCC, UKCA, UN38.3, MSDS

Product Description

48V lithium batteries are resistant to vibration and shock, making them suitable for use in rugged environments.

They offer a wide range of available capacities, allowing users to select the appropriate battery size for their particular application.

These batteries can be recharged using various methods, including solar panels, AC chargers, or vehicle alternators.

They are commonly used in electric vehicles, providing the high voltage and energy storage capacity required for extended driving range.

Lithiumiron Phosphate(LiFePO4)

12.8V 25.6V 51.2V LiFePO4 pack



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

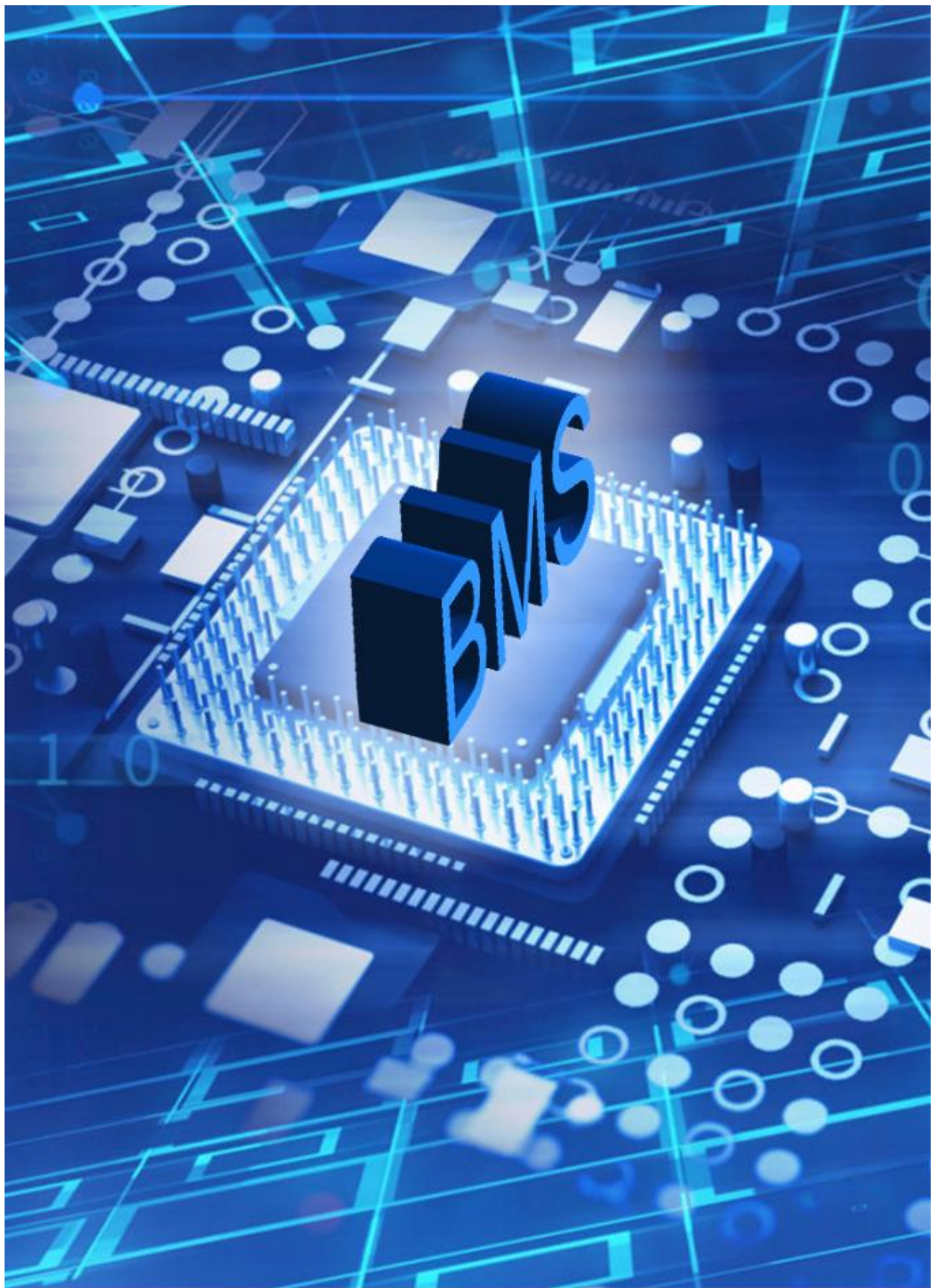


Yacht



PHEV

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



Product Parameters



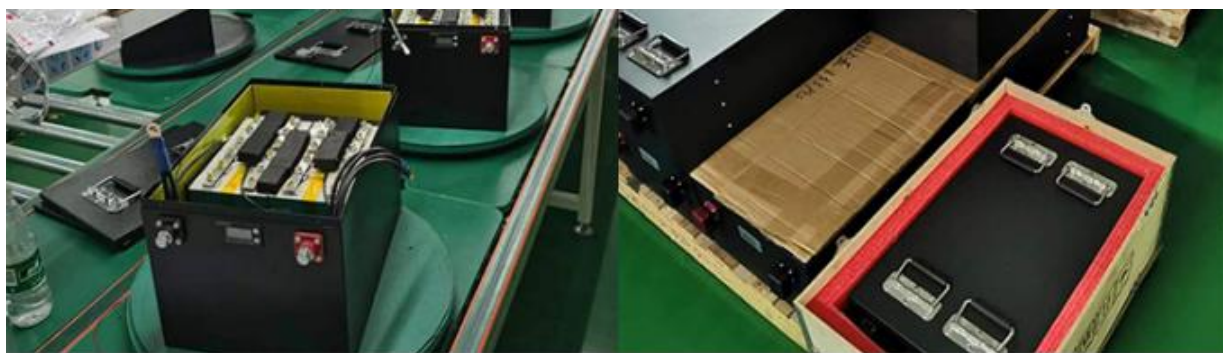
OEM and ODM services

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

 CMC TESTING 众核检测		Report No.: CMC220721006M01	
Report No.: 报告编号:		CMC220721006M01	
Name of sample: 样品名称:		LiFePO4 battery pack 磷酸铁锂电池	
Model: 型号:		ESX-12130	
Type: 规格:		12.8V 130AH 1664WH	
Client: 委托单位:		Damien new energy technology (Shenzhen) Co., Ltd 达米尼新能源科技(深圳)有限公司	
Address: 地址:		Plant A, Yanning mould industrial Park, Gengyu Road, Tianliao community, Yutang street, Guangming District, Shenzhen 深圳市光明区玉塘街道塘吓社区恒裕模具工业园 1号A栋	
Tested: 检测:		Approved: 批准:	
Reviewed: 审核:		 	
Date of Issue: 签发日期:		2022.08.01	
		Seal of CMC: CMC 印章:	
<div style="text-align: center;">  </div>			
CMC Testing International (Shenzhen) Co., Ltd. 众核检测认证(深圳)有限公司			

101, Building 8, Kaitianshan Industrial Park, Linyan Road, Huangshi Community, Fuhai Street, Baoan District, Shenzhen, Guangdong, China
 中国广东省深圳市宝安区福海街道福海社区黄旗路凯田山工业园8栋101室 广东 518107

400-1888-520 info@cmc-test.com www.cmc-test.com 0.1/02

This certificate is applicable for testing sample only.
Please refer to the corresponding test report for all testing parameters and data.

CERTIFICATE

ATTESTATION of conformity with UK legislation

Certificate's Holder	Domain new energy technology (Shenzhen) Co., Ltd.
Address	Plant A, Yeming mould Industrial Park, Genyu Road, Tanshan community, Yeling street, Guangming District, Shenzhen, China
Manufacturer	Domain new energy technology (Shenzhen) Co., Ltd.
Address	Plant A, Yeming mould Industrial Park, Genyu Road, Tanshan community, Yeling street, Guangming District, Shenzhen, China
Product Name	Power Lixion battery
Product Model (S)	ESKA8050CWP, ESKA8050CV, ESKA8100CV, ESKA8100CR, ESKA8050CR, ESKA8184CWP, ESKA8050D, ESKA8240, ESKA8250, ESKA8050CV, ESKA8050CV
Trade Mark	Aika

Complies with the requirements of the:

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

Certificate Number	HK2200064316E
Report No.	HK2200064316-1ER
Registration Date	Sep. 30, 2022

General Remarks:

The tests were performed in normal operation mode.

The test results apply only to the particular version tested.

The verification does not imply assessment of the producer of the product.

The UKCA marking may be affixed on the product if all relevant UK legislation is fulfilled.

Shenzhen HJARK Testing Technology Co., Ltd.

Room 1107, Building 8C, Juchang Pengcheng Economic Development Zone, Xixiang, Puzhuo Street, Nanshan District, Shenzhen, Guangdong, China
Tel: 86-755-26612000, 86-755-26612001 Fax: 86-755-26612002 E-mail: hjar@hjar.com.cn


 This certificate is requested by testing sample only.
 Please refer to the corresponding test report to get detailed content and rules.

SUPPLIER'S DECLARATION OF CONFORMITY

ATTESTATION

The Product has been tested and found compliance with the requirement of 4T CFR of
 IEC62133 test for radiation and conduction emission.

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

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

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This certificate is responsible for issuing outside 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 2014/53/EU has been taken as a reference for these processes.

Certificate's Holder	➤	Damien new energy technology (Shenzhen) Co., Ltd
Address	➤	Plant A, Yeming mould Industrial Park, Ganyu Road, Tanshan community, Yuleng street, Guangming District, Shenzhen, China
Manufacturer	➤	Damien new energy technology (Shenzhen) Co., Ltd
Address	➤	Plant A, Yeming mould Industrial Park, Ganyu Road, Tanshan community, Yuleng street, Guangming District, Shenzhen, China
Product Name	➤	Power Lion battery



Our Cooperation Partner

LONGI 隆基

PHILIPS



Schneider Electric
施耐德电气

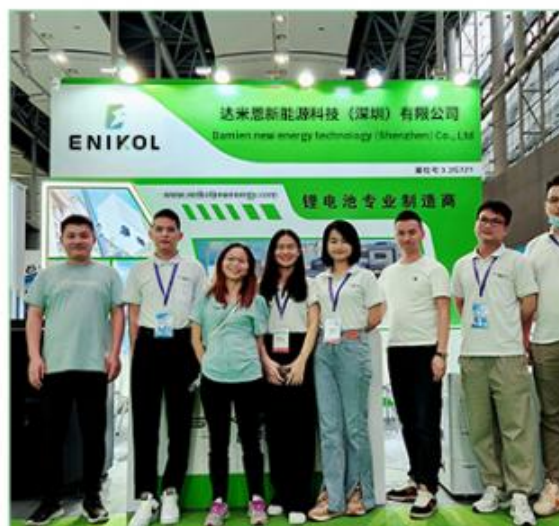
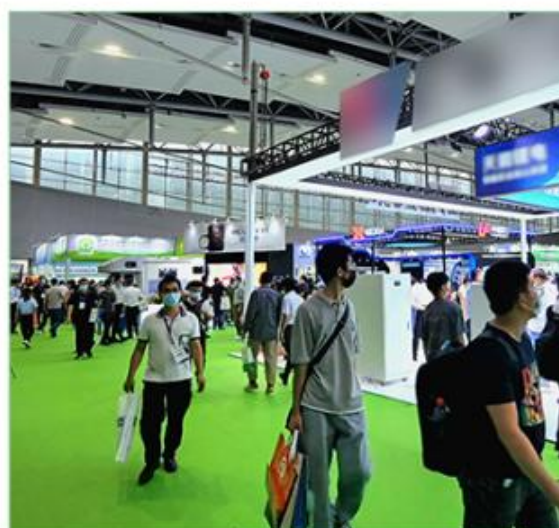
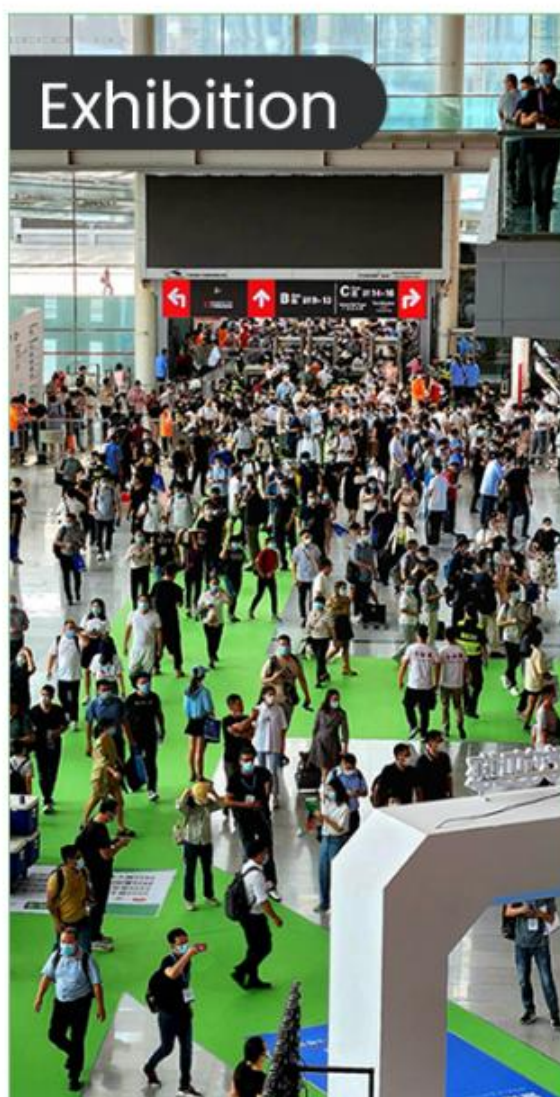


ZTE 中兴



EVE 亿纬锂能

CATL
宁德时代



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