

12.8V 120ah Prismatic Lifepo4 Cells With Free Bus Bar And Screw

Our Product Introduction

for more products please visit us on enikolnewenergy.com

Basic Information

- Place of Origin: Guangdong, China
- Brand Name: ENIKOL
- Model Number: ESK02
- Minimum Order Quantity: 10 sets
- Price: \$605.00/sets 10-49 sets
- Packaging Details: Colorful box

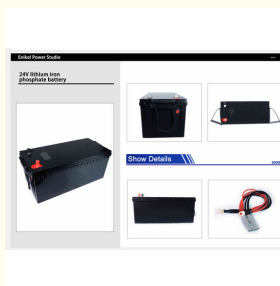


Product Specification

- Battery Type: LiFePO4
- Voltage: 12.8v
- Model Number: 12.8V 300AH 4S2P Prismatic
- Maximum Discharge Current: $\leq 100A$
- Usage: Solar Power System Home
- Maximum Charge Current: $\leq 100A$
- Cycle Life: Over 2500times
- Working Temperature: -20 -60
- Continuous Working Current: 200A
- Battery Indicator: Optional
- Packaging Accessories: 1*Product Description
- Port: Shenzhen
- Highlight: 12.8V Prismatic Lifepo4 Cells, 120ah Prismatic Lifepo4 Cells



More Images



Product Description

12.8V 120ah Prismatic Lifepo4 Cell With Free Bus Bar And Screw

24V lithium batteries are known for their long cycle life, meaning they can be charged and discharged numerous times without significant degradation in performance.

They have a low self-discharge rate, allowing them to hold their charge for extended periods when not in use.

These batteries feature fast charging capabilities, enabling quick recharges and minimizing downtime.

Specification

Type	ESK02-1	ESK02-2	ESK02-3	ESK02-4	ESK02-5	ESK02-6
Battery voltage	24V(Customized)					
Battery capacity	100AH (2400WH)	150AH (3600WH)	200AH (4800WH)	300AH (7200WH)	400AH (9600WH)	450AH (10800WH)
Appearance size(mm)	530*237*217	565*305*240	565*305*240	565*400*250	565*400*250	565*400*250
Net weight(kg)	20	32.4	48	65	95	110
Gross weight(kg)	22	33.4	50	67	97	112
Battery Indicator	Optional					
working temperature	-20 ~ 60					
Packaging accessories	1*Product description					
Continuous working current	200A					
Battery protection function	Over current/ Over voltage/Overcharge/Over discharge/short circuit,etc.					
cycle life	≥2500 times					
Application scenarios	RV power supply, family emergency, solar energy storage, wind energy power storage, base station power storage, etc.					

Product Description

Battery Connection

SUPPORT CONNECTION IN SERIES & PARALLEL

MAX VOLTAGE: 51.2V

MAX CAPACITY: 1200Ah



Up to 4 in SERIES connection



Up to 4 in PARALLEL connection

Note: Four batteries connected in **Parallel** must be the same brand with same capacity and were purchased within 6 months.

Digital Voltmeter



Lithium Batteries Are Lighter And Last Longer

Lithium Batteries



Lead-acid Batteries



VS

5hrs



Endurance

4hrs

2.5hrs



Recharge
Time

10hrs

10Years



Life Time

3Years

>5000Times



Cycles

200-500Times

COMPARE

Product performance comparison



VS



ESK02

> 4000 times

More than 10 years

1280W

Multiple built-in protection

Internal BMS

No need

27lbs

No pollution

Lead Acid Battery

<500 times

Around 3 years

600W

Gas inside may cause explosion

Non-existent

Regular water filling, maintenance and checks

65lbs(3 times the weight)

Lead is harmful

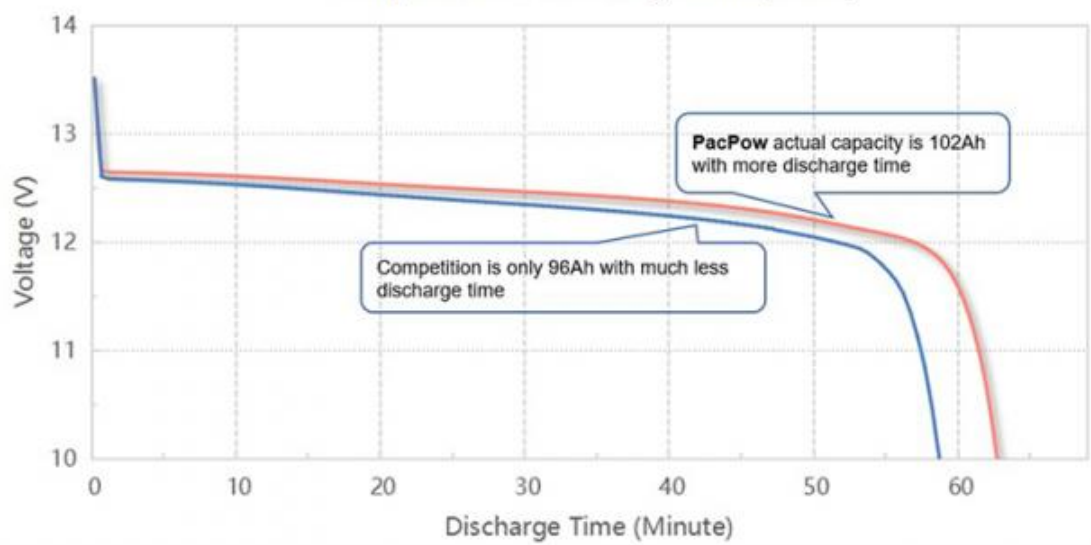


ACTUAL 102Ah



ACTUAL 96Ah

Comparison of discharge time (100A)



LIFEPO4 DEEP CYCLE BATTERIES



Model	ESK02-1	ESK02-2	ESK02-3	ESK02-4	ESK02-5	ESK02-6
Basic						
Cell Type	LiFePO4(LFP)					
Dimension	530*237*217	565*305*240	565*305*240	565*400*250	565*400*250	565*400*250
Gross weight	22KG	33.4KG	50KG	67KG	97KG	112KG
Warranty	5Years					
Electrical						
Normal Voltage	24V(customized)					
Normal Capacity	100AH	150AH	200AH	300AH	400AH	450AH
Normal Energy	2400WH	3600WH	4800WH	7200WH	9600WH	10800WH
Working temperature	-20°C ~ 60°C					
Continuous working current	200A					
Cycle life	≥1500times					
Battery protection function	Over current/Over voltage/Over charge/Over discharge/Short Circuit					



RV



Ferry



Golf Cart



Camping



Solar Power



LIFEPO4DEEP CYCLE BATTERY

PROFESSIONAL POWER BACKUP FOR YOUR LIFE



LIFEPO4DEEP CYCLE BATTERY

PROFESSIONAL POWER BACKUP FOR YOUR LIFE



Two Charging Methods



Our Advantages

OUR ADVANTAGE



We have 13 years of battery industry experience



More than 10 years of export experience



More than 7 years LiFePO4 Battery sales experience



Independent research and development of BMS



The factory covers an area of 6000 square meters

Product packaging

PACKING AND SHIPPING



Company Profile



Damien new energy technology (Shenzhen) Technology established in 2004, is a professional manufacturer and exporter, the founder has over 18 years experience in battery industry. We focus on design and development of lithium battery for UPS and inverter usage, portable energy storage, solar panel, on grid and off inverters and so on LiFePO4 battery, LTO Battery and system, offer global technical support and shipment.

Damien new energy technology (Shenzhen) Co., Ltd. equipped with advanced production and testing facilities, to supply valuable and high quality products. Covering an area of 3000 square meters, we have over hundred employees in management, development and production. We have already certified by BIS, IEC, ISO9001, CE and RoHS. Currently, we can support RS485/RS232/CANBUS/Bluetooth solution, support active equalization scheme, and developed battery self-heating scheme and load-weight scheme. These products are widely used on AGV, AMR, UPS, Telecom Base Station, Golf Trolley Cart, E-rickshaw, Yacht, Fishing Boat, Motorhome, Auxiliary Power Supply System for car or bus etc.

Damien new energy technology (Shenzhen) Co., Ltd. adhere to "Quality First, Customer first" philosophy. Strive to build a team of flexible innovation, teamwork, dedication and professionalism.

We will keep supplying higher value products and a better service for customers. Embraced by Guang-dong-Hong Kong-Macao Greater Bay Area, with active attitude and unbreakable faith, we will meet a brighter future.



Market

TARGET MARKET



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

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