

## 5000 cycles 3.2v 230ah lifepo4 battery LFP 3.2v 280ah lithium ion battery Grade A cells for Energy Storage

### Our Product Introduction

for more products please visit us on [enookbattery.com](http://enookbattery.com)

#### Basic Information

- Place of Origin: china
- Brand Name: enook
- Model Number: 3.2V Lifepo4 Lithium Ion Battery



#### Product Specification

- Standard Rating Cycle: 2000 (0.5C/0.5C)
- Cycling Performance: 4000 Cycles (25 °C), 2000 Cycles 45 °C
- Charging Temperature: 0 ~65 °C
- Standard Charge-discharge Rate: 0.5C(P)
- Capacity: Customized
- Discharging Temperature: -35 ~65 °C
- Weight: 1920±100G
- Battery Type: 3.2V 100Ah Lifepo4 Battery
- Highlight: 5000 cycles 3.2v 230ah lifepo4 battery ,  
Energy Storage 3.2v 230ah lifepo4 battery



#### More Images



## Product Description

### Product Description:

With its impressive cycling performance, this battery pack can last up to 4000 cycles at 25 °C and up to 2000 cycles at 45 °C, making it a reliable and durable power source for your electric bike. Additionally, its capacity is customizable to fit your specific needs.

The LifePo4 Lithium Ion Battery also boasts a standard rating cycle of 2000 (0.5C/0.5C), ensuring that it provides consistent and stable power to your electric bike. And with a storage temperature range of 0 °C to 35 °C, this battery pack can handle a variety of weather conditions.

Don't settle for anything less than the best for your Hailong electric bike battery. Choose the LifePo4 Lithium Ion Battery and experience reliable, long-lasting power for your 60v battery pack.


### Ultra-long Life Cycle

Product  
Advantages

Up to **5000** Cycles  
Capacity Retention  $\geq$  **80%**

**304Ah**  
Capacity

**3.2V**  
Voltage



## Lifepo4 battery 3.2V 304A

Product  
Advantages



**Automated**



**Ultra-Safe**



**Stable**



**Customized  
Custom-made**



**Super Long**



**Environmentally  
Friendly**

## Stable

Product  
Advantages

**Low IR / High CR / Discharge  
Steadily / Environmentally Friendly/Super Long**



### Features:

Product Name: LifePo4 Lithium Ion Battery  
Size: 118.5(H)\*160(W)\*50.1(T)  
Standard Charge-discharge rate: 0.5C(P)  
Standard Rating Cycle: 2000 (0.5C/0.5C)  
Discharging Temperature: -35 ~65  
OEM/ODM: Yes(Accepted)

100% NEW A-grade Cells  
Lithium E-bike battery for electric bike/mountain bike/motorcycle/bicycle  
Available sizes: 60v 15Ah 20ah 30ah 40ah 45ah 50ah 60ah

Model List & Parameters

Product Advantages

Model	Voltage (V)	Capacity (Ah)	Cycles (Ah)	Initial IR (≦mΩ)	Weight (g)	Height (m m)	Width (m m)	Thickness (mm)
Lf32	3.20	32	3500 (0.5C/0.5C)	1.5	730±50	94.3±0.5	148.3±0.8	26.7±0.5
LF50F	3.20	50	1500 (0.5C/0.5C)	2.0	1035±100	129.8±0.5	148.3±0.5	26.7±0.5
LF90K	3.20	90	6000 (1c/1C)	0.5	1994±50	200.5±0.5	130.3±0.3	36.7±0.5
LF100MA	3.20	101	2000 (0.5C/0.5C)	0.5	1920±100	118.5±0.5	160.0±0.8	50.1±0.5
LF100LA	3.20	102	5000 (0.5C/0.5C)	0.5	1985±100	118.5±0.5	160.0±0.8	50.1±0.5
Lf105	3.20	105	4000 (0.5C/0.5C)	0.32	1980±60	200.5±0.5	130.3±0.5	36.35±0.5
Lf160	3.20	160	4000 (0.5C/0.5C)	0.21	3000±100	153.5±0.5	173.9±0.5	53.85±0.5
Lf173	3.20	173	4000 (0.5C/0.5C)	0.25	3190±96	207.5±0.5	173.9±0.5	41.06±0.5
Lf230	3.20	230	4000 (0.5C/0.5C)	0.2	4140±124	207.2±0.5	173.9±0.5	53.85±0.5
LF280K	3.20	280	6000 (0.5C/0.5C)	0.25	5420±300	207.2±0.5	173.7+0.5	72.0+1.0
Lf304	3.20	304	4000 (0.5C/0.5C)	0.16	5450±164	207.2±0.5	173.7±0.5	71.70.8



Technical Parameters:

Size	118.5(H)*160(W)*50.1(T)
Cycling Performance	4000 Cycles (25 ),2000 Cycles(45 )
Package	ABS/Metal Case Or OEM
Discharging Temperature	-35 ~65

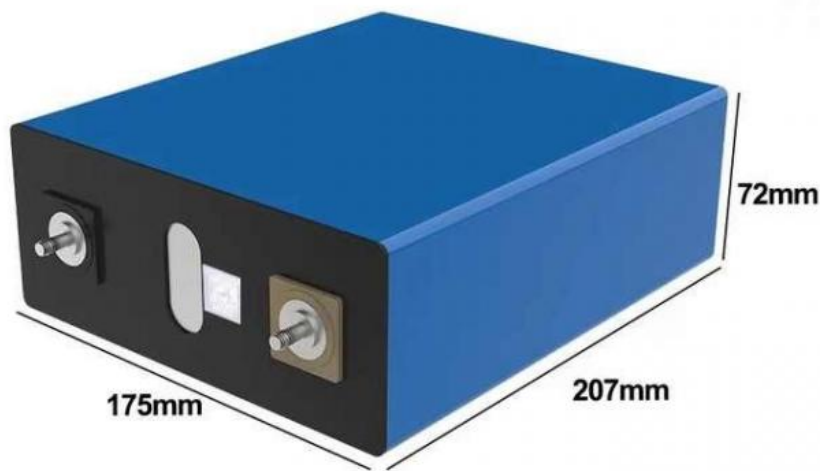
Storage Temperature	0 ~35
Voltage	Customized
Capacity	Customized
Weight	1920±100G
Standard Rating Cycle	2000 (0.5C/0.5C)
Standard Charge-discharge rate	0.5C(P)

This is a removable battery for e-bike that is made with 100% NEW A-grade Cells.

**Grade A**

**280AH**

**Long Cycle**



**207MM including stud height**

### Applications:

The enook 3.2V Lifepo4 Lithium Ion Battery is designed to be used in a variety of different scenarios. It is perfect for use in electric vehicles, such as electric bikes and scooters, as well as for use in solar power systems. It can also be used in backup power systems for homes and businesses, as well as for use in industrial applications.

The enook 3.2V Lifepo4 Lithium Ion Battery has an excellent cycling performance, with 4000 Cycles (25 ) and 2000 Cycles(45 ). This means that the battery can be charged and discharged repeatedly without losing its performance. It also has a wide charging temperature range of 0 ~65 and a discharging temperature range of -35 ~65 , making it suitable for use in a variety of different environments.

The enook 3.2V Lifepo4 Lithium Ion Battery is available in a range of different sizes and weights, from approximately 4.0~40.0kg, making it suitable for use in a variety of different applications. It can also be used to create a 60v battery pack, which is ideal for use in electric vehicles and other high-power applications.

In summary, the enook 3.2V Lifepo4 Lithium Ion Battery is a high-quality and versatile battery that is perfect for use in a variety of different scenarios. With its excellent cycling performance, wide temperature range, and customizable voltage, it is the ideal choice for anyone looking for a reliable and long-lasting battery.



# Applications

Product  
Advantages

Our products have a very widely range of use



**Golf Cart**



**E-Bike**



**Balance E-scooter**



**Power Station  
energy storage**



**Solar Power**



**RC Drone**



**Sightseeing Car**



**Waterpump**



**Mobile Headlight**



**Household energy  
storage**



**Solar Street Lighth**



**Stereo Set**

**Customization:**

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# Ultra-Safe No Leakage

Product  
Advantages

Explosion-proof/ No leakage



**Safety** Certificate

Square Aluminum Housing Structure

## Stable

Product  
Advantages

Low IR / High CR / Discharge

Steadily / Environmentally Friendly/Super Long



## Lifepo4 battery 3.2V 304A

Product  
Advantages



Automated



Ultra-Safe



Stable



Customized  
Custom-made



Super Long



Environmentally  
Friendly



# Certificate

Product  
Advantages



## Ultra-long Life Cycle

Product  
Advantages

Up to **5000** Cycles

Capacity Retention  $\geq$  **80%**

**230A**  
Capacity

**3.2V**  
Voltage



### Support and Services:

The LifePo4 Lithium Ion Battery is a high-performance rechargeable battery designed for various applications such as electric vehicles, solar energy storage systems, and portable electronic devices. Our product technical support and services include:

- Technical consultation: Our team of experts is available to provide technical consultation and support to help you choose the right battery for your application and answer any technical questions you may have.
- Custom battery design: We offer custom battery design services to meet your specific requirements and application needs.
- Battery testing and certification: Our batteries are rigorously tested and certified to ensure that they meet the highest quality and safety standards.
- Battery maintenance and repair: We provide battery maintenance and repair services to help you prolong the life of your battery and ensure its optimal performance.
- Warranty and support: We stand behind the quality of our products and offer warranty and support services to ensure your satisfaction with our products.

## FAQ

## Product Advantages



**Q: Can I have a sample order?**

A: Yes, we welcome sample order to test and check quality. Customized is available.



**Q: What about the lead time?**

A: Sample needs 7-12 days, mass production time needs negotiation.



**Q: How do you ship the goods and how long does it take to arrive?**

A: We usually ship by Fedex UPS. It usually takes 3-5 days to arrive. Airline and sea shipping also optional.



**Q: How to proceed an order?**

A: Firstly let us know your requirements or application. Secondly we quote according to our requirements or our suggestions.

Thirdly customer confirms the samples and places deposit for formal order. Fourthly we arrange the production.



**Q: Is it OK to print my logo on product?**

A: OK, Need customer provide their packaging or we make neutral packaging.



**Q: Where can I get the price?**

A: We usually quote within 24 hours after we get your inquiry. If you are very urgent to get the price, please call us or tell us in your email so that we'll regard your inquiry priority.

## Packing and Shipping:

### Product Packaging:

The LifePo4 Lithium Ion Battery will be packaged in a sturdy cardboard box with cushioning to protect it during shipping. The box will also include a user manual and any required cables or accessories.

### Shipping:

The battery will be shipped via a reputable courier service to ensure safe and timely delivery. Shipping costs will be calculated based on the destination and shipping method selected at checkout. International shipping may be subject to customs fees and import duties, which are the responsibility of the buyer.

# PACKAGING

Product  
Advantages



## Shipping by



**Professional suggestion to choose the best shipping delivery (Such as EMS DHL TNT UPS and FEDEX) for your commodities according to your demand.**

## Company Introduction

ChangSha Enook Technology Co., Ltd located is an outstanding solution service provider in Lithium Battery Management System(BMS) industry, focusing on the R&D, design, production and sales of Apexium DIY kits, BMS and batteries for more than 15 years. With its strength, it can provide customers with first-class software and hardware development and after-sales services.

Quality first is our principle, Satisfying all our customers is our tenet, win-win business is our aim. Dedicated to strict quality control and thoughtful customer service, our experienced staff members are always available to discuss each detailed requirements from customer and ensure full customer satisfaction.



In addition, we have obtained certificates. MSDS UN38.3 MSDS, ROHS, UL, etc. All our products keep selling well not only around China, but also in USA, Philippines, Germany, England, Australia, Russia, France and other European and Asia countries. Fast delivery is one of our advantages; selecting a current product from catalogue, or customized products, 3~5 days is the normal time to prepare for the goods. OEM & ODM orders can be acceptable.

Please don't hesitate to contact us if you have any requirement, we'll provide our best service to you.

## Our Factory



## Company Exhibition



# CERTIFICATES



**OUR CERTIFICATES GIVE YOU RELIABLE  
SUPPORT FOR YOUR ORDERS**



**Changsha Enook Technology Co., Ltd**



+8617752866093



wendy@enooktech.com



enookbattery.com

ROOM 1717, JIEZUO BUILDING, NO. 828, SECTION 1, FURONG SOUTH ROAD, TIANXIN DISTRICT,  
CHANGSHA, HUNAN