

## Grade A Lithium 320Ah Long Cycle Life 3.2V 310Ah 280Ah 300Ah Lifepo4 Lithium Ion Cell

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)
- Weight: 1920±100G
- Cycling Performance: 4000 Cycles (25 °C) / 2000 Cycles 45 °C
- Size: 118.5(H)\*160(W)\*50.1(T)
- Discharging Temperature: -35 ~65
- Package: ABS/Metal Case Or OEM
- OEM/ODM: Yes(Accepted)
- Storage Temperature: 0 ~35
- Highlight: 300Ah Grade A Lithium Battery,  
310Ah Grade A Lithium Battery,  
300Ah Lifepo4 Lithium Ion Cell



### More Images

Laser welding studs are more convenient and firmer to assemble.



Negative Electrode



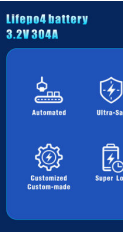
Explosion Proof Valve



Complete QR Code



Positive Electrode



### Product Description

#### Product Description:

The LifePo4 Lithium Ion Battery is made with 100% new A-grade cells, so you can be sure that you are getting a top-quality product. It is also available for OEM/ODM, so you can customize it to meet your specific requirements. The standard charge-discharge rate for this battery pack is 0.5C(P), which is ideal for many applications. It also has a charging

temperature range of 0 ~65 , which ensures that it can be charged safely and efficiently.  
This battery pack is a 60v battery pack, which makes it ideal for use in a wide range of applications. Whether you need a reliable power source for your electric scooter, electric bike, or other electronic devices, the LifePo4 Lithium Ion Battery is an excellent choice.

## Ultra-long Life Cycle

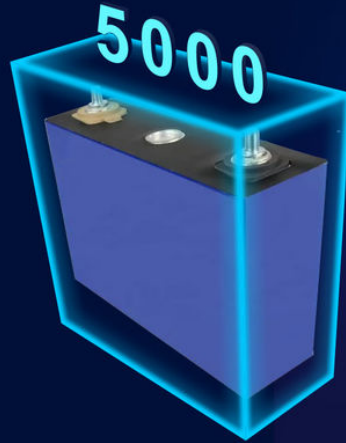
Product  
Advantages

Up to **5000** Cycles

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

**304A**  
Capacity

**3.2V**  
Voltage



## Lifepo4 battery 3.2V 304A

Product  
Advantages



Automated



Ultra-Safe



Stable



Customized  
Custom-made



Super Long



Environmentally  
Friendly

## Stable

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

Product  
Advantages



### Features:

**Product Name:** LifePo4 Lithium Ion Battery

**Battery Type:** 3.2V 100Ah LifePo4 Battery

**Standard Rating Cycle:** 2000 (0.5C/0.5C)

**Cycling Performance:** 4000 Cycles (25 ),2000 Cycles(45 )

**Size:** 118.5(H)\*160(W)\*50.1(T)

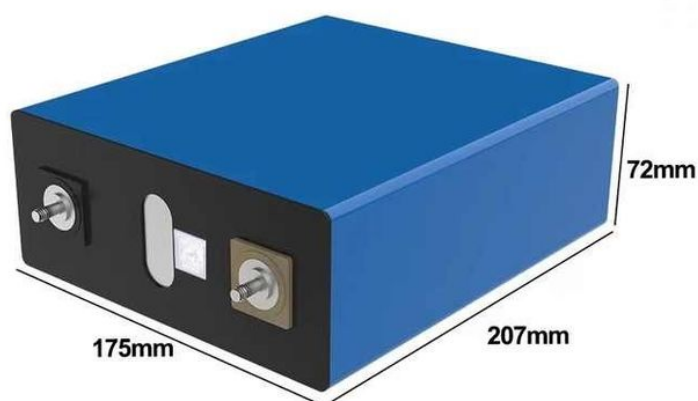
**Voltage:** Customized

**Keywords:** 60v 15Ah 20ah 30ah 40ah 45ah 50ah 60ah, Hailong electric bike battery, removable battery for e-bike

Grade A

280AH

Long Cycle



207MM including stud height

### Technical Parameters:

Storage Temperature	0 ~35
Discharging Temperature	-35 ~65
Weight	1920±100G
Package	ABS/Metal Case Or OEM
Voltage	Customized

OEM/ODM	Yes(Accepted)
Cycling Performance	4000 Cycles (25 ),2000 Cycles(45 )
Charging Temperature	0 ~65
Battery Type	3.2V 100Ah Lifepo4 Battery
Capacity	Customized

This LifePo4 Lithium Ion Battery product is suitable for use as a 60v battery pack and as a lithium E-bike battery for electric bike/mountain bike/motorcycle/bicycle.

# Model List & Parameters

Product Advantages

Model	Voltage (V)	Capacity (Ah)	Cycles (Ah)	Initial IR (≤mΩ)	Weight (g)	Height (mm)	Width (mm)	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

# Products Display

Product  
Advantages



## Applications:

One of the most common applications of enook 3.2V Lifepo4 Lithium Ion Battery is in the electric bike/mountain bike/motorcycle/bicycle industry. With a weight of approximately 4.0~40.0kg, the battery is easy to install and transport. The battery is ideal for use in long-distance travel, as it supports up to 2000 standard rating cycles at 0.5C/0.5C.

enook 3.2V Lifepo4 Lithium Ion Battery is designed to operate within a wide temperature range. It can discharge at temperatures as low as -35 and as high as 65 , making it suitable for use in various weather conditions. The battery's storage temperature should be kept between 0 and 35 to maintain its optimal performance.

Overall, enook 3.2V Lifepo4 Lithium Ion Battery is a reliable and efficient power source that can be used in various applications. Its high-quality cells, long cycle life, and wide temperature range make it an excellent choice for those who need a dependable battery to power their devices.

# 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:

Looking for a customized version of the enook 3.2V Lifepo4 Lithium Ion Battery? Look no further! Our product is proudly made in China and boasts a cycling performance of 4000 cycles at 25 and 2000 cycles at 45. The standard rating cycle is 2000 (0.5C/0.5C), making it a reliable choice for a variety of applications. The package comes in either an ABS/metal case or an OEM option, and weighs in at 1920±100G. The size is 118.5(H)\*160(W)\*50.1(T).

With our customization services, you can create the perfect 60v battery pack for your needs. Contact us today to learn more about how we can help you create the perfect 60v battery pack for your specific requirements.

# Certificate

Product  
Advantages





## Ultra-long Life Cycle

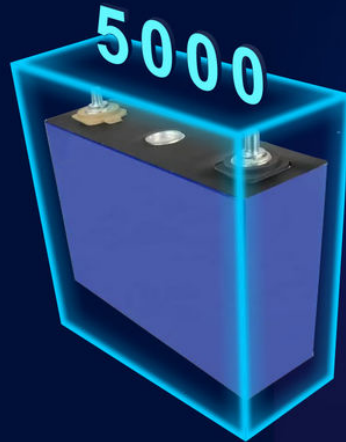
Product  
Advantages

Up to **5000** Cycles

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

**230A**  
Capacity

**3.2V**  
Voltage



### Support and Services:

Our LifePo4 Lithium Ion Battery product comes with comprehensive technical support and services to ensure that our customers have a seamless experience. Our technical support team is available to answer any questions and provide assistance with installation, maintenance, and troubleshooting. We also offer repair and replacement services for any defective products. Additionally, we provide product documentation, including user manuals and data sheets, to ensure that our customers have all the information they need to use our products safely and effectively.

## 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:

1 x LifePo4 Lithium Ion Battery

1 x User Manual

1 x Warranty Card

Shipping:

Ships within 1-2 business days

Free shipping within the United States

International shipping available with additional charges

## 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 batterieis for more than 15 years. With its strength, it can provide customers with first-class software and hardware devel- opment and after-sales services.

Quality first is our principle,Satisfying all our customers is ourtenet,win-win business is our aim.Dedicated to strict qualitycontrol and thoughtful customer service,our experiencedstaff members are always available to discuss eachdetailed requirements from customer and ensure fullcustomer satisfaction.

In addition,we have obtained certificates.MSDS UN38.3MSDS, ROHS,UL,ect. All our products keep selling wellnot onlyaround China, but also inUSA, Philippines, Germany, England,Australia



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



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