

## American EU warehouse Original 280k For DIY Energy Storage Battery Lithium ion Batteries LiFePo4 battery 3.2V

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

- Package: ABS/Metal Case Or OEM
- Standard Charge-discharge Rate: 0.5C(P)
- Cycling Performance: 4000 Cycles (25 °C), 2000 Cycles 45 °C
- Storage Temperature: 0 ~35 °C
- Battery Type: 3.2V 100Ah Lifepo4 Battery
- Standard Rating Cycle: 2000 (0.5C/0.5C)
- Size: 118.5(H)\*160(W)\*50.1(T) mm
- Weight: 1920±100G
- Highlight: 280k DIY Energy Storage battery, LiFePo4 DIY Energy Storage battery, Lithium ion DIY Energy Storage battery



### More Images



Laser welding studs are more convenient and firmer to assemble.



## Product Description

### Product Description:

Our LifePo4 Lithium Ion Battery has a charging temperature range of 0 ~65 and a discharging temperature range of -35 ~65 , making it ideal for use in a variety of environments.

This battery is a 3.2V 100Ah LifePo4 Battery, providing reliable and consistent power for your devices and equipment.

Our battery is available for OEM/ODM customization, allowing you to create a battery that is tailored to your unique needs and requirements.

With an approximate weight range of 4.0~40.0kg, our LifePo4 Lithium Ion Battery is suitable for a variety of applications, including the popular Hailong electric bike battery.





### Features:

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Product Name: LifePo4 Lithium Ion Battery  
Package: ABS/Metal Case Or OEM  
OEM/ODM: Yes(Accepted)  
Standard Charge-discharge rate: 0.5C(P)  
Discharging Temperature: -35 ~65  
Cycling Performance: 4000 Cycles (25 ),2000 Cycles(45 )  
Approx. Weight: 4.0~40.0kg  
Customized: Available  
Voltage: 60v  
Battery Pack: Yes

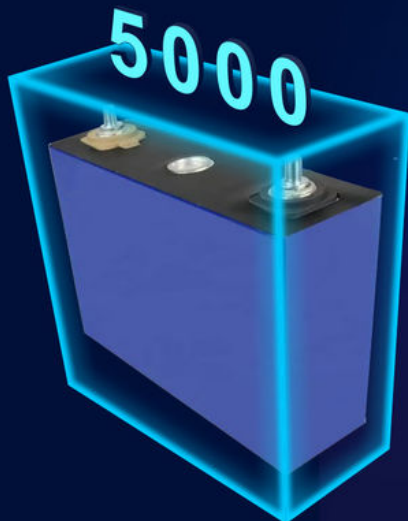
## Ultra-long Life Cycle

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



**Technical Parameters:**

Capacity	Customized
Standard Charge-discharge rate	0.5C(P)
Cycling Performance	4000 Cycles (25 ),2000 Cycles(45 )
Battery Type	3.2V 100Ah Lifepo4 Battery
Size	118.5(H)*160(W)*50.1(T)
Discharging Temperature	-35 ~65
Charging Temperature	0 ~65
Weight	1920±100G
OEM/ODM	Yes(Accepted)
Storage Temperature	0 ~35



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

Ultra-Safe No Leakage

Product Advantages

Explosion-proof/ No leakage



Safety Certificate

Square Aluminum Housing Structure

# Certificate

Product  
Advantages



## Ultra-long Life Cycle

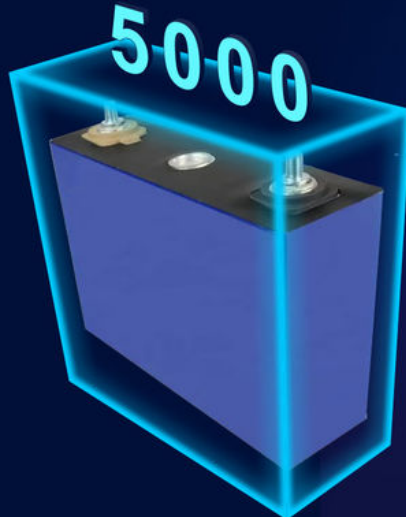
Product  
Advantages

Up to **5000** Cycles

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

**230A**  
Capacity

**3.2V**  
Voltage



### Applications:

The enook 3.2V Lifepo4 Lithium Ion Battery is suitable for a wide range of applications, including electric bikes, electric scooters, electric cars, solar energy storage systems, UPS, and more. The battery's high standard charge-discharge rate of 0.5C(P) ensures fast charging and discharging, making it an efficient power source for various devices.

The battery is designed to work in a wide range of temperatures. It can be stored at temperatures ranging from 0 to 35 , making it ideal for use in different environments. The discharging temperature range is from -35 to 65 , ensuring that the battery can be used in extreme weather conditions.

The enook 3.2V Lifepo4 Lithium Ion Battery is available in an ABS/metal case or OEM package, providing customers with different packaging options. OEM/ODM services are accepted, allowing users to customize the battery according to their specific requirements.

In conclusion, the enook 3.2V Lifepo4 Lithium Ion Battery is a versatile and reliable power source that can be used in various applications. With its high-quality cells, different capacities, and wide temperature range, it is an ideal choice for those looking for a dependable battery. Whether it is for electric bikes, electric scooters, or solar energy storage systems, the enook 3.2V Lifepo4 Lithium Ion Battery is an excellent option for a 60v battery pack.

# 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 Ligh**



**Stereo Set**

## Support and Services:

The LifePo4 Lithium Ion Battery is a high-performance rechargeable battery that offers long-lasting power for various applications. Our product technical support and services include:

- Technical assistance: Our team of experts is available to answer any technical questions you may have about the LifePo4 Lithium Ion Battery, including specifications, installation, and troubleshooting.
- Warranty and repair services: We stand behind the quality of our products and offer a warranty for our batteries. If you experience any issues with your battery, our repair services are available to help you get back up and running.
- Custom solutions: We understand that every application is unique. That's why we offer custom battery solutions tailored to your specific needs. Our engineers will work with you to design and develop a battery that meets your requirements.

At LifePo4 Lithium Ion Battery, we are committed to providing our customers with the highest level of support and service. Contact us today to learn more about our products and services.



# 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 LifePo4 Lithium Ion Battery
- 1 User Manual
- 1 Protective Case

### Shipping:

- Ships within 1-2 business days
- Free standard shipping within the continental US
- Additional shipping charges may apply for international orders

# 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



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