



## EV LF280K lifepo4 3.2V 280ah Lifepo4 Lithium Iron Phosphate Battery Cell 3.2v 302Ah Lithium battery Cell LFP4

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

- Capacity: Customized
- Discharging Temperature: -35 ~65
- Standard Charge-discharge Rate: 0.5C(P)
- Voltage: Customized
- Storage Temperature: 0 ~35
- Size: 118.5(H)\*160(W)\*50.1(T)
- Battery Type: 3.2V 100Ah Lifepo4 Battery
- OEM/ODM: Yes(Accepted)
- Highlight: LFP4 Phosphate battery Cell ,  
3.2v Phosphate battery Cell ,  
LF280K Phosphate battery Cell



### More Images



Laser welding studs are more convenient and firmer to assemble.



### Product Description

#### Product Description:

Our LifePo4 Lithium Ion Battery is not only dependable but also customizable to suit your specific needs. With OEM/ODM accepted, you can have your battery customized to your preferred specifications. Choose from a range of sizes and capacities, including 60v 15Ah 20ah 30ah 40ah 45ah 50ah 60ah, to fit your e-bike perfectly.

Our Product

The battery's standard rating cycle of 2000 (0.5C/0.5C) ensures that it will last for a long time and provide consistent power for your e-bike. Its size of 118.5(H)\*160(W)\*50.1(T) makes it a convenient and easy-to-install replacement for your old e-bike battery. The battery comes with an ABS/metal case or OEM package, giving you the option to choose the type of casing that works best for you. The removable battery for e-bike is also easy to charge, making it a convenient solution for any e-bike owner.

## Ultra-long Life Cycle

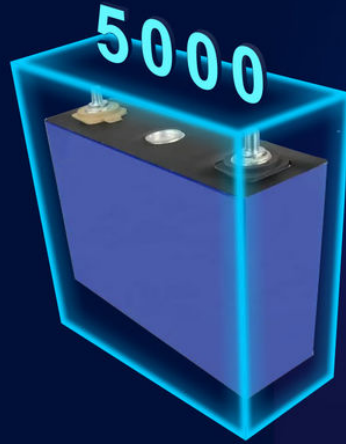
Product  
Advantages

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

Weight: 1920±100G

Standard Charge-discharge rate: 0.5C(P)

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

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

Charging Temperature: 0 ~65

Features: lithium E-bike battery for electric bike/mountain bike/motorcycle/bicycle, 100% NEW A-grade Cells, Approx. 4.0~40.0kg

## Model List & Parameters

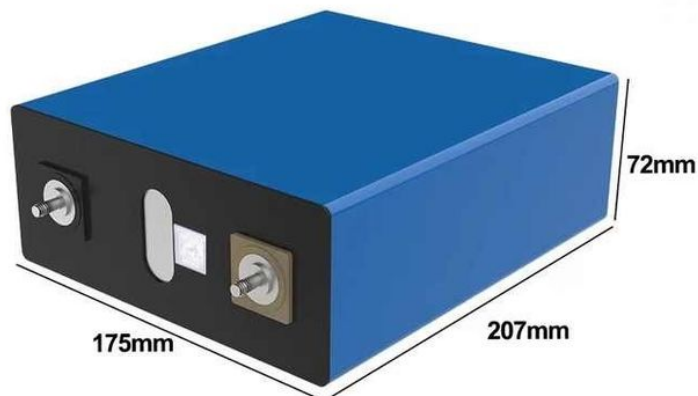
Product  
Advantages

| 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<br>(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<br>(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<br>(1c/1C)     | 0.5              | 1994±50    | 200.5±0.5    | 130.3±0.3   | 36.7±0.5       |
| LF100MA | 3.20        | 101           | 2000<br>(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<br>(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<br>(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<br>(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<br>(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<br>(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<br>(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<br>(0.5C/0.5C) | 0.16             | 5450±164   | 207.2±0.5    | 173.7±0.5   | 71.70.8        |

**Grade A**

**280AH**

**Long Cycle**



207MM including stud height

**Technical Parameters:**

|                         |                                    |
|-------------------------|------------------------------------|
| Battery Type            | 3.2V 100Ah Lifepo4 Battery         |
| Standard Rating Cycle   | 2000 (0.5C/0.5C)                   |
| Cycling Performance     | 4000 Cycles (25 ),2000 Cycles(45 ) |
| Storage Temperature     | 0 ~35                              |
| Voltage                 | Customized                         |
| Size                    | 118.5(H)*160(W)*50.1(T)            |
| Charging Temperature    | 0 ~65                              |
| Package                 | ABS/Metal Case Or OEM              |
| Discharging Temperature | -35 ~65                            |
| Capacity                | Customized                         |

This is a removable battery for e-bike, with a weight range of approximately 4.0~40.0kg.

**Laser welding studs are  
more convenient  
and firmer to assemble.**



Negative Electrode



Explosion-Proof Valve



Complete QR Code



Positive Electrode



### Applications:

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The Enook 3.2V Lifepo4 Lithium Ion Battery is available in different voltage options, including Customized. The battery type is 3.2V 100Ah Lifepo4 Battery, which is ideal for many applications. The standard charge-discharge rate is 0.5C(P), making it easy to get the most out of the battery.

This battery is perfect for a range of applications, including electric vehicles, solar energy storage systems, UPS, and backup power supplies. The battery can be customized to suit the individual needs of the customer, making it an ideal choice for a range of applications. The Enook 3.2V Lifepo4 Lithium Ion Battery is available in a range of capacities, including 60v 15Ah, 20ah, 30ah, 40ah, 45ah, 50ah, and 60ah. This makes it easy to find the right battery capacity for your specific needs.

In summary, the Enook 3.2V Lifepo4 Lithium Ion Battery is a versatile and reliable product that can be customized to suit the needs of the customer. Its wide range of applications and temperature resistance make it an ideal choice for many industries.

# 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:

## 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

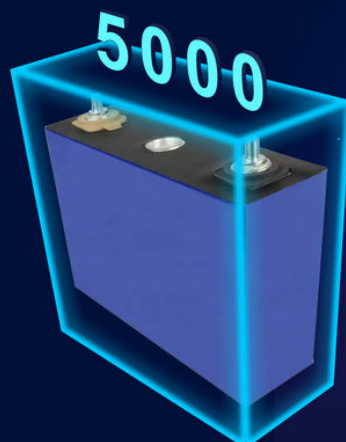
Product  
Advantages

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 that is designed to provide reliable power for a wide range of applications. Our technical support and services are unmatched in the industry, and we are committed to helping our customers get the most out of their batteries.

We offer a variety of technical support services, including:  
Expert advice on battery selection and application

Custom battery design and engineering services

Battery testing and analysis

Product documentation and technical manuals

In addition to our technical support services, we also offer a range of customer support services to ensure that our customers are completely satisfied with their purchase. These services include:

Product training and education

Warranty and repair services

Product replacement and exchange services

24/7 customer support and assistance

At LifePO4 Lithium Ion Battery, we are committed to providing our customers with the highest level of service and support. Whether you are looking for technical advice, product support, or warranty assistance, we are here to help.

## 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

Instruction Manual

Shipping:

Ships within 48 hours of order confirmation

Shipping weight: 1 pound

Shipping dimensions: 6 x 4 x 2 inches

Shipped via standard ground shipping

# 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

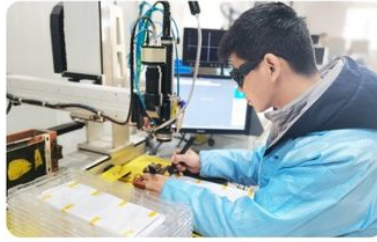
ChangSha Enook Technology Co., Ltd located is an outstanding solution service provider in Lithium Battery Management System(BMS) industry, focusing on the R&D, design, production and sales of Apexium DIY kits, BMS and batteries for more than 15 years. With its strength, it can provide customers with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