



## Best Seller Ev 3.2V 105Ah Lifepo4 Battery Cells If105Ah Solar Lithium Battery for Home Energy Storage Systems

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

- Discharging Temperature: -35 ~65
- Battery Type: 3.2V 100Ah Lifepo4 Battery
- Standard Rating Cycle: 2000 (0.5C/0.5C)
- Charging Temperature: 0 ~65
- Package: ABS/Metal Case Or OEM
- OEM/ODM: Yes(Accepted)
- Cycling Performance: 4000 Cycles (25 )、 2000 Cycles 45
- Standard Charge-discharge Rate: 0.5C(P)
- Highlight: Solar Lithium Lifepo4 Battery Cells,  
Solar Lifepo4 Battery Cells,  
105Ah Lifepo4 Battery Cells

Laser welding studs are more convenient and firmer to assemble.



Negative Electrode



Explosion-Proof Valve



Complete QR Code



Positive Electrode

### More Images



## Product Description

### Product Description:

With a cycling performance of up to 4000 cycles at 25 °C and 2000 cycles at 45 °C, this battery is built to last. It has a standard charge-discharge rate of 0.5C(P), and a standard rating cycle of 2000 (0.5C/0.5C). This makes it an excellent choice for those who need a reliable and long-lasting battery for their electric bike, mountain bike, motorcycle, or bicycle.


The LifePo4 Lithium Ion Battery is a 60v battery pack that weighs approximately 4.0~40.0kg, depending on the package and voltage configuration. It is designed to provide exceptional performance and durability, even in extreme temperatures and demanding conditions. Whether you're commuting to work or going on a long-distance adventure, this battery will give you the power you need to get there.

### Ultra-long Life Cycle

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

**304A**  
Capacity

**3.2V**  
Voltage



Product  
Advantages

## 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  
Cycling Performance: 4000 Cycles (25 ),2000 Cycles(45 )  
Battery Type: 3.2V 100Ah Lifepo4 Battery  
Standard Charge-discharge rate: 0.5C(P)  
Package: ABS/Metal Case Or OEM  
Voltage: Customized

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



Technical Parameters:

Capacity	Customized
Cycling Performance	4000 Cycles (25 ),2000 Cycles(45 )
Charging Temperature	0 ~65
Package	ABS/Metal Case Or OEM

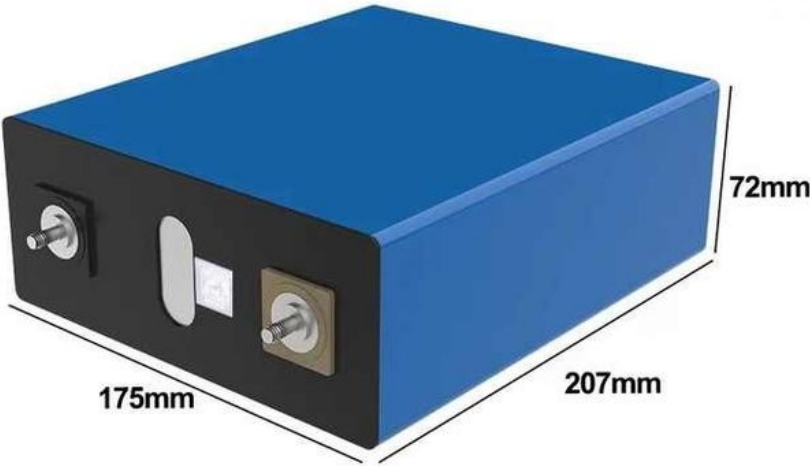
Standard Charge-discharge rate	0.5C(P)
Standard Rating Cycle	2000 (0.5C/0.5C)
Battery Type	3.2V 100Ah Lifepo4 Battery
Voltage	Customized
Discharging Temperature	-35 ~65
Size	118.5(H)*160(W)*50.1(T)

This is a customized battery suitable for Hailong electric bike battery.

**Grade A**

**280AH**

**Long Cycle**



207MM including stud height

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



Negative Electrode



Explosion-Proof Valve



Complete QR Code



Positive Electrode

### Applications:

These batteries are designed to last a long time, with a standard rating cycle of 2000 (0.5C/0.5C) and cycling performance of up to 4000 cycles at 25 °C and 2000 cycles at 45 °C. This means that you can use the battery for a long time without worrying about replacing it frequently.

Enook 3.2V Lifepo4 Lithium Ion Battery is perfect for people looking for a reliable power source for their electric bikes. The Hailong electric bike battery is one of the most popular electric bike batteries in the market, and this product is compatible with Hailong batteries. If you need customized batteries, Enook can provide OEM/ODM services. You can choose between an ABS/metal case or OEM packaging to suit your needs.

These batteries can be stored in temperatures ranging from 0 °C to 35 °C, making them suitable for use in different environments. They are also lightweight, making them easy to carry and install.

In conclusion, Enook 3.2V Lifepo4 Lithium Ion Battery is an excellent choice for anyone looking for a reliable, high-quality battery for their lithium E-bike battery for electric bike/mountain bike/motorcycle/bicycle. Whether you need a Hailong electric bike battery or a customized battery, Enook can provide you with the perfect solution.



# 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**

## Support and Services:

The LifePo4 Lithium Ion Battery is a high-quality rechargeable battery that is designed to provide reliable and long-lasting power to various types of devices and equipment. It is commonly used in applications such as electric vehicles, solar power systems, and backup power supplies.

Our Product Technical Support team is available to provide assistance with any technical issues or questions related to the use of the LifePo4 Lithium Ion Battery. Our experts have extensive knowledge and experience in the field of battery technology and can help troubleshoot problems, provide advice on best practices for battery maintenance and use, and offer guidance on how to optimize the performance and lifespan of your battery.

In addition to our technical support services, we also offer a range of other services to help you get the most out of your battery. These include product training and education, battery testing and analysis, and custom battery design and manufacturing. Whether you need help choosing the right battery for your application or require specialized battery solutions tailored to your specific needs, our team has the expertise and resources to help you succeed.

## 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 securely packed in a durable cardboard box.

The box will be labeled with appropriate handling instructions and warnings.

The battery will be protected with foam or other cushioning materials to prevent any damage during shipping.

### Shipping:

We will ship the LifePo4 Lithium Ion Battery through a reputable carrier such as UPS or FedEx.

The battery will be shipped in accordance with all applicable regulations for shipping lithium ion batteries.

We will provide you with a tracking number so you can monitor the status of your shipment.

Please note that shipping times may vary depending on your location and the carrier used.



# 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.**

# CERTIFICATES



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



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