



Customized Capacity LifePo4 Lithium Ion Battery with 2000 Standard Rating Cycle

Our Product Introduction

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Basic Information

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



Product Specification

- Battery Type: 3.2V 100Ah Lifepo4 Battery
- Standard Rating Cycle: 2000 (0.5C/0.5C)
- Package: ABS/Metal Case Or OEM
- Capacity: Customized
- Application: E-bike
- Voltage: Customized
- Size: 118.5(H)*160(W)*50.1(T)
- Weight: 1920±100G



More Images



Model List & Parameters										Product Advantages	
Model	Voltage (V)	Capacity (Ah)	Discharge Rate (C)	Weight (kg)	Dimensions (mm)	Terminal Type	Terminal Size (mm)	Terminal Pitch (mm)	Terminal Material	Product Advantages	Product Advantages
LFP	3.2V	100	0.5C	19.2	118.5*160*50.1	5.0	7.62	25.4	304	Grade A	Long Cycle
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LFP	3.2V	100	0.5C	19.2	118.5*160*50.1	5.0	7.62	25.4	304	Grade A	Long Cycle

Laser welding studs are more convenient and firmer to assemble.



Product Description

Product Description:

LifePo4 Lithium Ion Battery

LifePo4 Lithium Ion Battery is a high-performance battery specially designed for E-bikes, with a size of 118.5(H)*160(W)*50.1(T) and a weight of 1920±100G. It is a versatile and customizable battery pack suitable for various types of electric bikes, including mountain bikes, motorcycles, and bicycles.

Application: E-bike

LifePo4 Lithium Ion Battery is specifically designed for E-bikes, providing a reliable and efficient power source for your electric bike. With its high energy density and long cycle life, it is the perfect battery for your daily commute or long-distance rides.

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

The compact size of LifePo4 Lithium Ion Battery makes it easy to install and fit into different types of E-bikes. Its dimensions of 118.5(H)*160(W)*50.1(T) make it a perfect choice for electric bikes with limited space for battery installation.

Weight: 1920±100G

Weighing only 1920±100G, LifePo4 Lithium Ion Battery is a lightweight and portable power source for your E-bike. It will not add extra burden to your electric bike, allowing you to enjoy a more comfortable and effortless ride.

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

LifePo4 Lithium Ion Battery has a long cycle life of 2000 cycles at a standard rating cycle of 0.5C/0.5C. This means that it can be charged and discharged at a consistent rate without compromising its performance, ensuring its durability and reliability in the long run.

Capacity: Customized

The capacity of LifePo4 Lithium Ion Battery can be customized according to your specific needs. Whether you need a larger capacity for longer rides or a smaller one for daily commutes, we can provide a battery pack that suits your E-bike perfectly.

60v battery pack

LifePo4 Lithium Ion Battery is a 60v battery pack, providing a powerful and stable energy supply for your E-bike. With its high voltage and energy density, it can deliver impressive performance and make your rides more enjoyable and efficient.

Lithium E-bike Battery for Electric Bike/Mountain Bike/Motorcycle/Bicycle

LifePo4 Lithium Ion Battery is compatible with various types of E-bikes, including electric bikes, mountain bikes, motorcycles, and bicycles. It is a versatile and reliable battery pack that can meet the different needs of different users.

Depending on the capacity, LifePo4 Lithium Ion Battery can weigh approximately 4.0~40.0kg. It is a lightweight and portable battery pack that can be easily installed and carried, making it convenient and practical for your E-bike adventures.

Long Cycle Life

LifePo4 Lithium Ion Battery has a long cycle life of 2000 cycles, ensuring its durability and reliability for long-term use. Its high-quality materials and advanced technology make it resistant to degradation, allowing you to enjoy its performance for a longer time.

High Energy Density

With its high energy density, LifePo4 Lithium Ion Battery can store more energy in a smaller space, making it a compact and powerful battery pack for your E-bike. This also means that you can ride longer distances without worrying about running out of power.

Fast Charging

LifePo4 Lithium Ion Battery supports fast charging, allowing you to quickly recharge your battery and get back on the road in no time. This is especially useful for riders who need to cover longer distances or for those who have a busy schedule.

Safety

Safety is our top priority when designing LifePo4 Lithium Ion Battery. It is equipped with multiple safety features, including overcharge protection, over-discharge protection, and short-circuit protection, ensuring the safety of both you and your E-bike.

Certificate

Product
Advantages



Ultra-long Life Cycle

Product
Advantages

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

230A
Capacity

3.2V
Voltage



Model List & Parameters

Product
Advantages

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

Stable

Product
Advantages

Low IR / High CR / Discharge

Steadily / Environmentally Friendly/Super Long



Features:

Product Name: LifePo4 Lithium Ion Battery

Package: ABS/Metal Case Or OEM

OEM/ODM: Yes(Accepted)

Voltage: Customized

Application: E-bike

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

Approx. 4.0~40.0kg

100% NEW A-grade Cells

Hailong electric bike battery

Long cycle life

Eco-friendly

Ultra-Safe No Leakage

Product
Advantages

Explosion-proof/ No leakage



Safety Certificate
Square Aluminum Housing Structure

Applications:

enook 3.2V Lifepo4 Lithium Ion Battery

Overview:

The enook 3.2V Lifepo4 Lithium Ion Battery is a high-performance battery designed for e-bikes. With its lightweight and customizable design, it provides a safe, reliable, and environmentally friendly power source for your e-bike. Its long cycle life and high energy density make it the perfect choice for your daily commute or adventurous rides.

Main Features:

- Removable battery for e-bike
 - Customized voltage
 - Long cycle life
 - High energy density
 - Lightweight
 - Safe and reliable
 - Environmentally friendly
 - Easy transportation
 - ABS/Metal Case or OEM package
- Product Details:

Item	Description
Type	Lithium Ion Battery
Voltage	Customized
Capacity	Depends on customer's requirement
Cycle Life	2000 cycles
Energy Density	More than 200Wh/kg

Weight	1920±100g
Dimensions	118.5(H)*160(W)*50.1(T)
Operating Temperature	-20°C ~ 60°C
Charging Temperature	0°C ~ 45°C
Discharging Temperature	-20°C ~ 60°C
Application	E-bike
Package	ABS/Metal Case or OEM

Application and Usage:

The enook 3.2V Lifepo4 Lithium Ion Battery is specifically designed for e-bikes, providing a reliable and efficient power source for a smooth and enjoyable ride. Its removable feature makes it convenient for charging and easy to replace. With a customized voltage, it can be used for different types of e-bikes. Its high energy density allows for a longer distance and time between charges, making it perfect for daily commutes or long rides. Its lightweight design ensures easy transportation and a comfortable riding experience. With its long cycle life, you can rely on this battery for a long time without worrying about replacements. Its ABS/Metal Case or OEM package provides extra protection and a sleek look for your e-bike.

Package and Shipping:

The enook 3.2V Lifepo4 Lithium Ion Battery is packed in a strong and durable ABS/Metal case or can be customized with an OEM package. This ensures safe transportation and protection of the battery. It can be shipped worldwide from China, making it easily accessible for customers around the globe.

Why Choose enook 3.2V Lifepo4 Lithium Ion Battery:

- High-performance battery specially designed for e-bikes
- Removable and customizable for different types of e-bikes
- Long cycle life and high energy density for a longer distance and time between charges
- Lightweight, safe, reliable, and environmentally friendly
- Easy to transport and convenient to use
- Strong and durable ABS/Metal Case or OEM package for extra protection
- Shipped worldwide from China

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:

Customized Service for enook 3.2V Lifepo4 Lithium Ion Battery

Brand Name: enook

Model Number: 3.2V Lifepo4 Lithium Ion Battery

Place of Origin: China

Weight: 1920±100G

Voltage: Customized

Battery Type: 3.2V 100Ah Lifepo4 Battery

Application: E-bike

OEM/ODM: Yes (Accepted)

At enook, we offer customized services for our 3.2V Lifepo4 Lithium Ion Battery to meet the specific needs of our customers. Our battery is designed under the brand name enook, and its model number is 3.2V Lifepo4 Lithium Ion Battery. It is manufactured in China and weighs 1920±100G.

Our battery is suitable for various applications, including E-bikes. It is a 3.2V 100Ah Lifepo4 Battery, providing high-quality and reliable power for your electric bike. With our customizable voltage, you can choose the appropriate voltage for your specific needs.

At enook, we understand the importance of meeting our customers' unique requirements. That's why we offer OEM and ODM services, ensuring that our battery is tailored to your specific needs.

Our Hailong electric bike battery is equipped with 100% NEW A-grade Cells, providing high performance and reliability. It also has a High Quality BMS with temperature protection, ensuring the safety and longevity of the battery. Our battery has a long cycle life and can be charged quickly, making it a convenient and efficient choice for your E-bike.

Choose enook for a customized and high-quality 3.2V Lifepo4 Lithium Ion Battery for your E-bike. Contact us today to learn more about

our services and get a quote for your customized battery.



Packing and Shipping:

Packaging and Shipping for LifePo4 Lithium Ion Battery

Our LifePo4 Lithium Ion Battery is carefully packaged to ensure safe and secure delivery to our customers. Each battery is individually wrapped in protective packaging materials and placed in a sturdy box for shipping.

We offer a variety of shipping options to meet the needs of our customers. These include:

Standard Shipping: Our standard shipping option is the most cost-effective and typically takes 3-5 business days for delivery.

Expedited Shipping: For those who need their battery quickly, we offer expedited shipping which typically takes 1-2 business days for delivery.

International Shipping: We also offer international shipping for our customers outside of the United States. Delivery times may vary depending on the destination country.

Regardless of the shipping option chosen, we take great care in packaging our LifePo4 Lithium Ion Battery to ensure it arrives safely and in perfect condition.

For added peace of mind, we also offer shipping insurance for an additional fee. This will protect your battery in the unlikely event of any damage during transit.

Once your order has been processed and shipped, we will provide you with a tracking number so you can track your package and know when to expect delivery.

Thank you for choosing our LifePo4 Lithium Ion Battery. We are committed to providing you with a quality product and a smooth 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

Product
Advantages

ShenZhen Enook Technology Co., Ltd company is professional manufacturer and supplier of lithium energy solutions, E-bike battery pack, which focus on manufacturing and designing of lithium cells and battery packs





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 advantage, selecting a current products from catalogue, or customized products, 3~5 days is the normal time to prepare for the goods, OEM & ODM orders can be acceptable.

Quality is our life, price is our core competence, please don't hesitate to contact us if you have any requirement, we'll provide our best service to you.

Has passed CE certification and ROHS certification, excellent quality the company has obtained a number of patented technologies.

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.



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