

A Grade 3.2V LiFePO4 Battery 280Ah LiFePO4 Prismatic Cells

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

- Storage Temperature: 0 ~35
- Discharging Temperature: -35 ~65
- Standard Rating Cycle: 2000 (0.5C/0.5C)
- Standard Charge-discharge Rate: 0.5C(P)
- OEM/ODM: Yes(Accepted)
- Size: 118.5(H)*160(W)*50.1(T)
- Battery Type: 3.2V 100Ah Lifepo4 Battery
- Weight: 1920±100G
- Highlight: **280Ah LiFePO4 Battery, A Grade LiFePO4 Battery, 3.2V LiFePO4 Battery**



More Images



Product Description

Product Description:

One of the standout features of this battery is its cycling performance. With 100% NEW A-grade Cells, it can cycle up to 6000 times, providing long-lasting power for your e-bike. Even after 4000 cycles, it still maintains impressive performance, making it a great investment for avid riders.

The LifePo4 Lithium Ion Battery comes in a sturdy ABS/metal case or can be customized to your specifications with OEM packaging. Our OEM/ODM service is available for those looking to add their own branding or design to the product.

When it comes to charging and discharging, this battery has a standard rate of 0.5C(P), ensuring efficient and consistent power delivery. Whether you're using it for daily commutes or intense off-road adventures, you can trust this battery to keep up with your needs.

In conclusion, the LifePo4 Lithium Ion Battery is a top-of-the-line, removable battery for e-bike enthusiasts. With its impressive cycling performance, lightweight design, and customizable packaging options, it's the perfect addition to any rider's gear. Order yours today and experience the power and reliability of this exceptional battery.



Features:

Product Name: LifePo4 Lithium Ion Battery

OEM/ODM: Yes(Accepted)

Battery Type: 3.2V 100Ah Lifepo4 Battery

Cycling Performance: 6000 Cycles ~4000 Cycles

Voltage: Customized

Charging Temperature: 0 ~65

Battery Application: lithium E-bike battery for electric bike/mountain bike/motorcycle/bicycle

Battery Features: 100% NEW A-grade Cells

Battery Shape: Hailong electric bike battery

Lifepo4 battery
3.2V 304A

Product
Advantages



Automated



Ultra-Safe



Stable



Customized
Custom-made



Super Long



Environmentally
Friendly

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

Technical Parameters:

Cycling Performance	6000 Cycles ~4000 Cycles
Standard Charge-discharge rate	0.5C(P)
Size	118.5(H)*160(W)*50.1(T)
Package	ABS/Metal Case Or OEM
Discharging Temperature	-35 ~65
Voltage	Customized

Battery Type	3.2V 280Ah Lifepo4 Battery
Standard Rating Cycle	2000 (0.5C/0.5C)
Storage Temperature	0 ~35
Charging Temperature	0 ~65

This removable battery for e-bike has an approximate weight of 4.0~40.0kg.

Ultra-long Life Cycle


Product Advantages

Up to **5000** Cycles

Capacity Retention \geq **80%**

304A
Capacity

3.2V
Voltage



Laser welding studs are more convenient and firmer to assemble.



Negative Electrode



Explosion-Proof Valve



Complete QR Code



Positive Electrode

Applications:

One of the popular applications for the Enook LifePo4 Lithium Ion Battery is as a removable battery for e-bikes. With its lightweight design, it allows for easy installation and removal, making it convenient for users who need to charge their batteries frequently. Additionally, the customized voltage and capacity options enable e-bike manufacturers to tailor their products to meet the needs of specific target markets.

The standard charge-discharge rate of 0.5C(P) ensures that the battery can be charged quickly and efficiently, while the option for OEM/ODM allows for customization to meet specific requirements.

Other product application occasions and scenarios for the Enook LifePo4 Lithium Ion Battery include solar power storage systems, electric vehicles, power tools, and backup power supplies. Its versatility, lightweight design, and customizable options make it an excellent choice for a wide range of energy storage needs.

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 Light	Stereo Set

Support and Services:

The LifePo4 Lithium Ion Battery product comes with the following technical support and services:

Product manuals and documentation

Technical support for installation and operation

Warranty for defects in materials and workmanship

Repair and replacement services for faulty units

Product testing and quality assurance

Consultation and customization services for specific applications

For any technical issues or inquiries, please contact our customer support team.



Changsha Enook Technology Co., Ltd



+8617752866093



wendy@enooktech.com



enookbattery.com

ROOM 1717,JIEZUO BUILDING, NO. 828, SECTION 1, FURONG SOUTH ROAD, TIANXIN DISTRICT,
CHANGSHA, HUNAN