

## Durable 100ah 200ah Lifepo4 Rechargeable Battery Pack for Ebike EV Boat Energy Storage

Our Product Introduction

for more products please visit us on [enookbattery.com](http://enookbattery.com)

### Basic Information

- Place of Origin: china
- Brand Name: Enook
- Certification: CE ROHS FCC UN38 .3 MSDS
- Model Number: Enook Battery Pack
- Payment Terms: TT PAYPAL
- Supply Ability: 10000



### Product Specification

- Terminal Type: Anderson Plug
- Specification: 12.8V 100Ah Lifepo4 Battery Pack
- Peak Current: 240A (<3s)
- Continuous Discharge Current: 120A
- Charge Voltage: 14.6V±0.2V
- Discharge Cut-off Voltage: 10V
- Cycle Life: Deep Cycle Life 4000 Times, Life Span Is More Than 10 Years
- BMS Function: Overcharge, Overdischarge, Overcurrent, Short Circuit, Etc.
- Highlight: Durable 100ah Lifepo4 Rechargeable Battery Pack

#### lithium iron phosphate batteries

BMS long cycle life high safety performance



### More Images



## Product Description

### Product Description:

One of the best things about our battery pack is its deep cycle life of 4000 times, which means it has a life span of over 10 years. This makes it an extremely cost-effective solution for electric bike enthusiasts who want a long-lasting and reliable battery pack.

Our battery pack also comes equipped with an advanced Battery Management System (BMS) function, which protects against overcharge, overdischarge, overcurrent, short circuit, and other potential hazards. This ensures that your battery pack is always safe to use and maintains its longevity.

The discharge cut-off voltage for our lithium ion battery pack is 10V, which provides a stable and consistent power output for your electric bike. Additionally, our battery pack can handle peak currents of up to 240A for less than 3 seconds, making it ideal for high-performance applications.

Whether you're looking to upgrade your electric bike's power source or are building a new electric bike from scratch, our 48v 60v 72v 40ah battery pack is the perfect solution. With its superior performance, advanced BMS function, and long lifespan, you can rest assured that you're getting the best lithium ion electric bike battery pack on the market.



## PRODUCT PARAMETERS

12V: 50AH/100AH/150AH/200AH/300AH

24V: 50AH/100AH/200AH



### Features:

Product Name: Lithium Ion Battery Pack

Peak current: 240A (<3s)

Charge Voltage: 14.6V±0.2V

Energy storage: 1920Wh

Specification: 12.8V 100Ah Lifepo4 Battery Pack

Installation: IP65

This Lithium Ion Battery Pack is perfect for electric bikes and can be used as a 48v, 60v, or 72v 40ah battery pack.

Nominal Voltage	12.8V	12.8V	12.8V
Nominal Capacity	200Ah	300Ah	100Ah
Energy	2400Wh	3840Wh	1280Wh
Size(L*W*H)/Weight	345*190*245 mm about 19.5kg	345*190*245 mm about 25kg	339*185*218 mm about 11kg
Self Discharge	< 3% / Month	< 3% / Month	< 3% / Month
Maximum Charge Current	100A	150A	100A
Recommend Charge Voltage	14.6V	14.6V	14.6V
BMS Charge Cut-off Voltage	Cut-off Voltage:14.6V Cut off Recover:14±0.05V	Cut-off Voltage:14.6V Cut off Recover:14±0.05V	Cut-off Voltage:14.6V Cut off Recover:14±0.05V
Balancing Voltage	< 13.2V(3.3V/Cell)	< 13.2V(3.3V/Cell)	< 13.2V(3.3V/Cell)
Max Continuous Discharge Current	100A	150A	100A
Short Circuit Protection Current	1400±280A	1800±360A	1400±280A
BMS Short Circuit Protection	250µs	250µs	250µs
BMS Low-Voltage	Low Voltage Protection:10.8±0.05V Low Voltage Recover:11.6±0.05V		
Operating Temperature:	Discharge: -20 ~ 60 °C Charge :0 ~ 55 °C Storage :10 ~ 35 °C		
BMS High Temperature:	Cut:55±2 °C Recovery:50±2 °C		
Terminal Thread Type	M8		
Application:	Home Energy Storage, RV Caravans, Small Boat Motors, Golf Carts		
Certifications	CE,MSDS,UN38.3		



### Applications:

The Enook Battery Pack is a high-quality lithium-ion battery pack that is made in China. It has been certified by CE, ROHS, FCC, UN38.3, and MSDS, ensuring that it meets all industry standards for safety and performance. This battery pack has a continuous discharge current of 120A, making it ideal for a wide range of applications.

The Enook Battery Pack is available in a 12.8V 100Ah Lifepo4 Battery Pack specification, with a battery size of 560x300x235mm. It is designed for IP65 installation, which means it is protected against dust and water. The charge voltage is  $14.6V \pm 0.2V$ .

One of the main applications for the Enook Battery Pack is for electric bike battery packs. It can be used for 48v 60v 72v 40ah battery packs, making it a versatile option for a range of electric bikes.

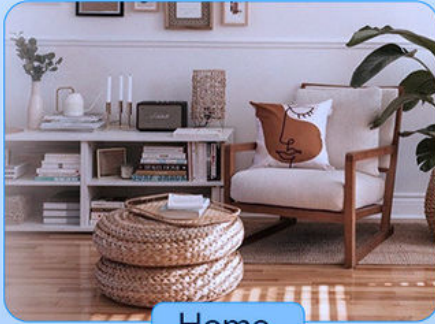
Another application for the Enook Battery Pack is for solar power systems. It can be used as a backup power source for homes or businesses, providing reliable power when it is needed most.

The Enook Battery Pack is also suitable for use in electric vehicles, such as scooters and cars. Its high discharge current and long lifespan make it an ideal choice for powering these vehicles.

Overall, the Enook Battery Pack is a reliable and high-quality lithium-ion battery pack that can be used for a range of applications. Its certification, continuous discharge current, and IP65 installation make it a versatile and safe option for a variety of scenarios. With a supply ability of 10000, it is readily available to meet your needs. Payment terms include TT and Paypal.



## APPLICATION SCENARIO



Home



Utility Grid



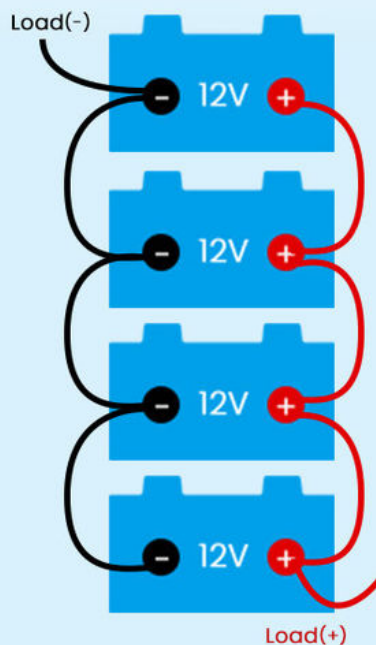
Industrial Energy Syorage



Mountain  
Communicationbase Station

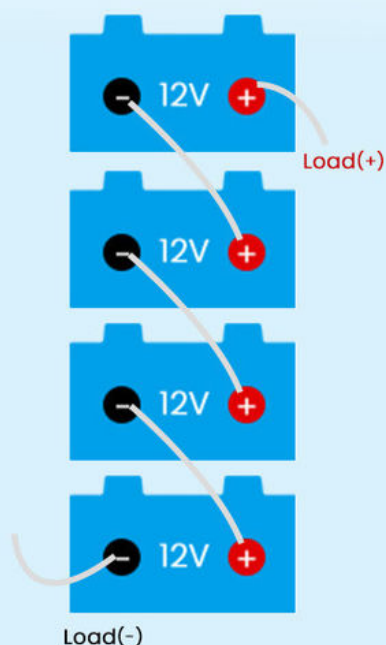
## BATTERY COMBINATION

Connection In Parallel  
(Maximum of 4 Batteries)



12V (400Ah) 4.8kwh  
Battery System

Connection In Series  
(Maximum of 4 Batteries)



48V (100Ah) 4.8kwh  
Battery System

### Customization:

Looking for a customized **Enook Battery Pack** for your **lithium ion electric bike** ? We offer **OEM/ODM** services to meet your specific needs. Our **Lifepo4 Battery Pack** has an energy storage capacity of **1920Wh** and a peak current of **240A (<3s)** . Our battery pack is designed with a **BMS function** that protects against overcharge, overdischarge, overcurrent, short circuit, and more. It is certified with **CE ROHS FCC UN38 .3 MSDS** and is made in **China** . We accept payment through **TT PAYPAL** and have a supply

ability of 10000 .  
Choose from our **48v 60v 72v 40ah battery pack** options to power up your electric bike. Contact us today to learn more about our product customization services.



### Support and Services:

Our Lithium Ion Battery Pack product comes with technical support and services to ensure efficient and effective performance. Our team of experts are available to provide assistance with installation, operation, troubleshooting, and maintenance of the battery pack. We offer regular software updates to ensure that the battery pack stays up-to-date with the latest technology and features. In addition, our comprehensive warranty covers any defects in materials and workmanship for a certain period of time. For customers who require additional support, we offer training programs and on-site services to ensure that the battery pack is operating at optimal levels. Our goal is to provide our customers with the best possible service and support to maximize the lifespan and performance of the product.



**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