

Lifepo4 Lithium Ion Solar Battery 12.8v 100ah Lithium Battery Pack for Home Energy Storage

Our Product Introduction

for more products please visit us on enookbattery.com

Basic Information

- Place of Origin: china
- Brand Name: Enook
- Model Number: Enook Battery Pack
- Payment Terms: TT PAYPAL



Product Specification

- Discharge Cut-off Voltage: 10V
- Specification: 12.8V150AH
- Charge Voltage: 14.6V±0.2V
- Peak Current: 240A (<3s)
- BMS Function: Overcharge, Overdischarge, Overcurrent, Short Circuit, Etc.
- Terminal Type: Anderson Plug
- Life Cycle: It Is 2000 Times At 85% Dose, 5000 Times At 65% Dose, And 8000 Times At 40% Dose
- Product Name: 12.8V 150ah Lifepo4 Battery Pack
- Highlight: 12.8v Lithium Ion Solar Battery, 100ah Lithium Ion Solar Battery



More Images



Product Description

Product Description:

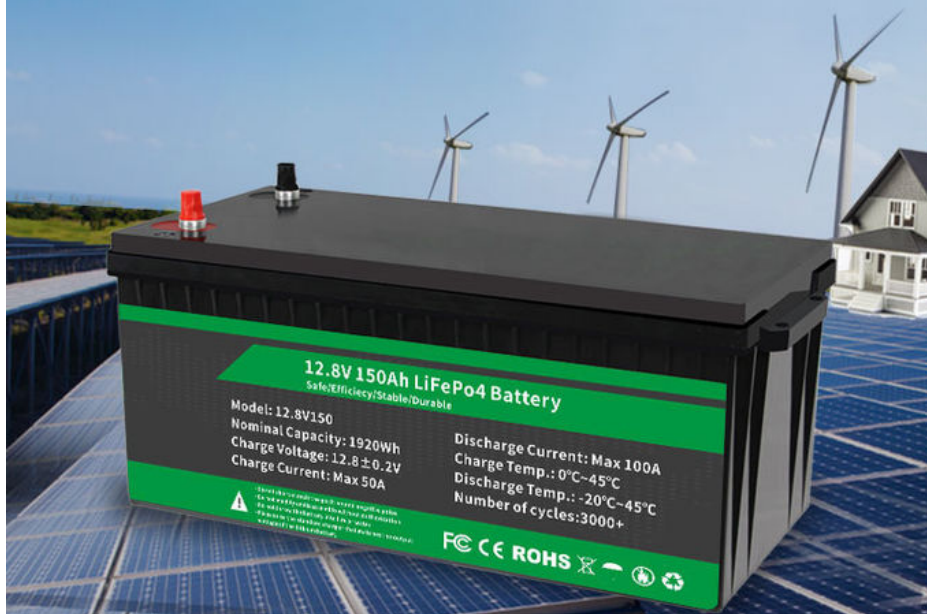
The Lithium Ion Battery Pack features a continuous discharge current of 120A, ensuring a steady and reliable power supply for your electric bike. The discharge cut-off voltage of 10V ensures that your battery pack is protected from over-discharging, prolonging the life of your battery and ensuring optimal performance.

Measuring at 560x300x235mm, this Lithium Ion Battery Pack is compact and easy to install on your electric bike. Whether you're commuting to work or exploring new trails, this battery pack provides the power you need to keep going.

Our Lithium Ion Battery Pack is also available for OEM/ODM customization, ensuring that your specific needs are met. At our company, we are committed to providing high-quality products and excellent customer service. Trust us to provide you with the Lithium Ion Battery Pack you need for your electric bike.

12V150AH LiFePO4 Battery

RV/home energy storage/PV/solar off-grid



Dimensions

Product View

L*H*W:520*238*220mm



Reliable ABS Case
Resistance To Heat&Shock



M8 Terminal
superb conductivity



Handle
Easy to carry or remove

Features:

Product Name: 12.8V 150ah Lifepo4 Battery Pack

Continuous discharge current: 120A

Life cycle: It Is 2000 Times At 85% Dose, 5000 Times At 65% Dose, And 8000 Times At 40% Dose.

Charge Voltage: 14.6V±0.2V

Installation: IP65

Application: lithium ion electric bike battery pack

Capacity: 48v 60v 72v 40ah battery pack

LiFePO4 Battery

More Safe Density,High Life,Long Cycle times 3000+



BATTERY MANAGEMENT SYSTEM



Balance Function



Overvoltage Protection



Overcharge Protection



Over discharge Protection



Overcurrent Protection



Short circuit Protection

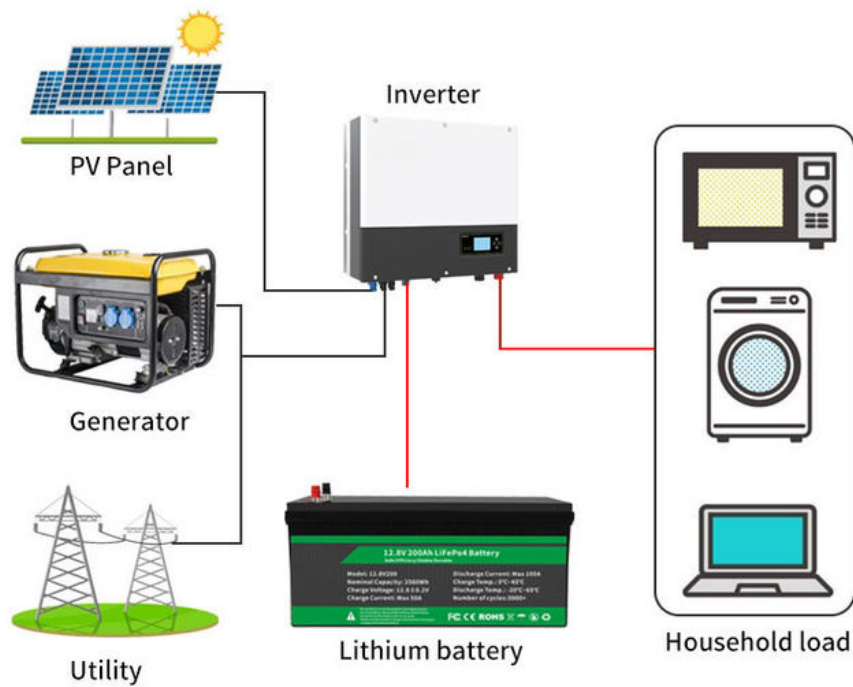


Temperature Protection



Anti Reverse Charging

Product Connection Diagram



Technical Parameters:

Product Name	12.8V 150ah Lifepo4 Battery Pack
Specification	12.8V150AH
Peak current	240A (<3s)
Continuous discharge current	120A
Discharge Cut-off Voltage	10V
Charge Voltage	14.6V±0.2V
Battery size	560x300x235mm
Installation	IP65
BMS function	Overcharge, Overdischarge, Overcurrent, Short Circuit, Etc.
Life cycle	It Is 2000 Times At 85% Dose, 5000 Times At 65% Dose, And 8000 Times At 40% Dose

This lithium ion electric bike battery pack is a 12.8V 150ah Lifepo4 Battery Pack with a peak current of 240A (<3s). It has a continuous discharge current of 120A and a discharge cut-off voltage of 10V. The battery size is 560x300x235mm and it has an installation rating of IP65. The BMS function includes overcharge, overdischarge, overcurrent, short circuit protection, etc. The life cycle is 2000 times at 85% dose, 5000 times at 65% dose, and 8000 times at 40% dose. This battery pack can also be used as a 48v 60v 72v 40ah battery pack.

IP65 Waterproof

Waterproof And Dustproof Desing

Typhoon Rainstorm Shallow Deperession



Applications:

The Enook Battery Pack is a versatile product that can be used in many different scenarios. One common application is in electric bikes, where the battery pack provides reliable and long-lasting power. This battery pack is compatible with 48v, 60v, and 72v electric bikes, making it a great choice for anyone looking to upgrade their existing battery pack.

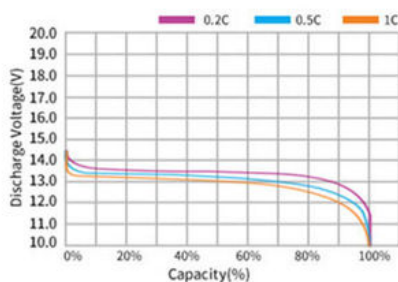
In addition to electric bikes, the Enook Battery Pack can also be used in other electric vehicles such as scooters, golf carts, and even electric cars. Its high energy storage capacity and continuous discharge current make it a great choice for any application that requires reliable and long-lasting power.

Furthermore, Enook Battery Pack is compatible with a range of OEM/ODM products, making it easy to integrate into a variety of different systems. Its Anderson Plug terminal type ensures that it can be easily connected to other components, making it a versatile and user-friendly product.

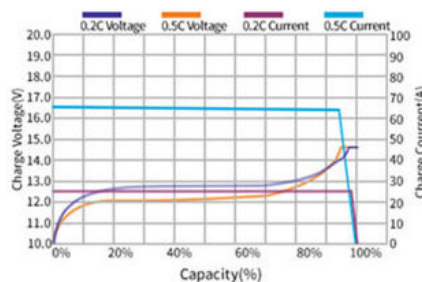
Enook Battery Pack is manufactured in China and is available for purchase with TT or PayPal payment terms. Whether you are looking to upgrade your electric bike battery pack or need a reliable power source for your electric vehicle, the Enook Battery Pack is a great choice. Overall, the Enook Battery Pack is a high-quality lithium ion electric bike battery pack that is suitable for a wide range of applications. Its high energy storage capacity, continuous discharge current, and compatibility with a variety of electric vehicles make it a versatile and reliable choice for anyone in need of a dependable power source.

Battery Characteristic Curve

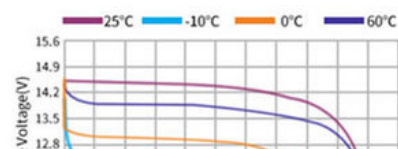
Different Rate Discharge Curve @25°C



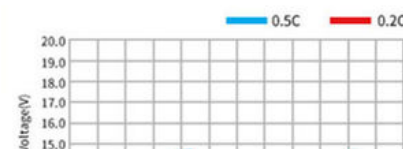
Charge Characteristics of capacity-voltage @0.2C&0.5C,25°C

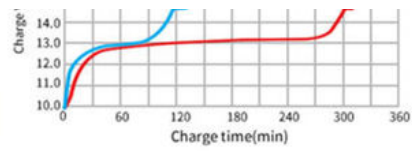
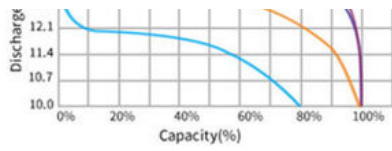


Different Temperature Discharge Curve @0.5C,25°C



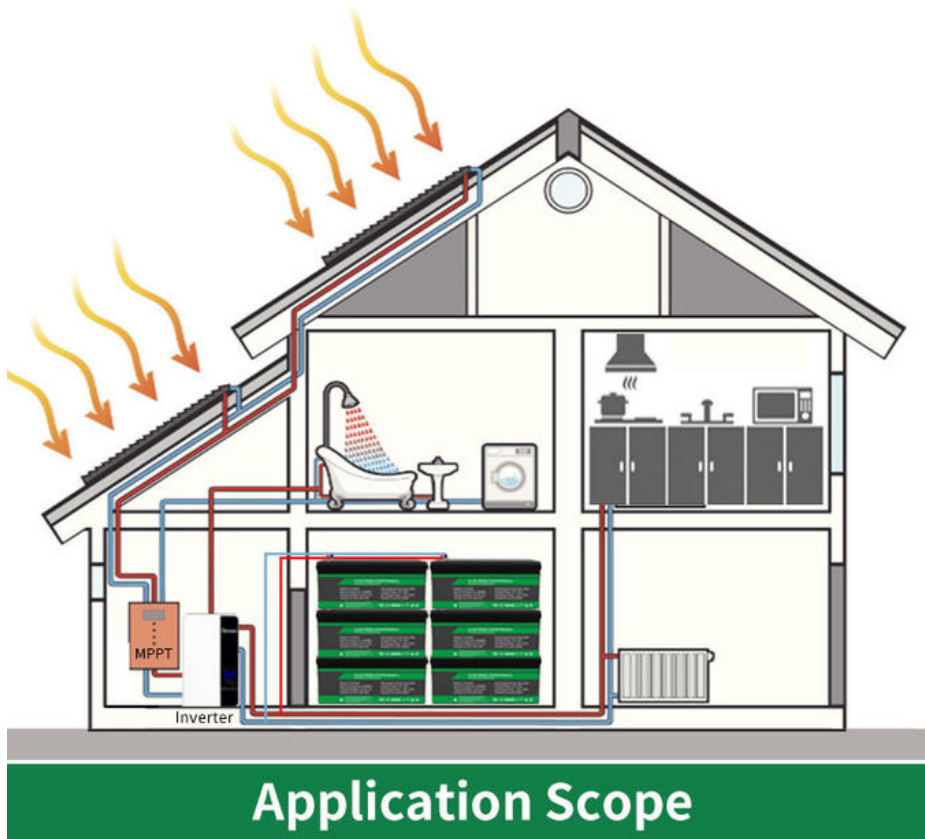
Charge Characteristics of time-voltage @0.2C0.5C,25°C





Household Energy Storage Usage

6 batteries can be connected in parallel



Application Scope



RV



Marine



Outdoor Activities



Solar



Power Backup



Golf Cart

Customization:

Enook offers customization services for our lithium ion electric bike battery pack, model number Enook Battery Pack. Our products are manufactured in China and we accept payment through TT and PayPal. OEM/ODM orders are also acceptable. The Enook Battery Pack has a charge voltage of $14.6V \pm 0.2V$ and an installation rating of IP65. The discharge cut-off voltage is 10V and the continuous discharge current is 120A. We can customize the battery pack according to your specific needs, including voltage (48v, 60v, 72v) and capacity (40ah). Contact us to learn more about our product customization services.

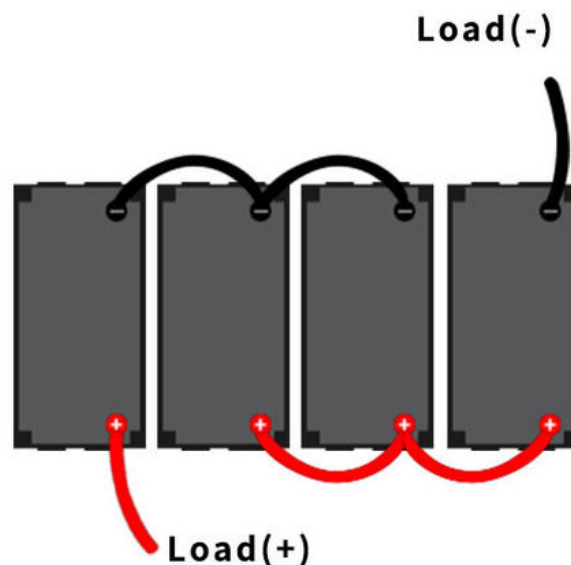
Comparison



✓ Reduced 2/3 weight	Weight	✗ 3 times the weight
✓ 3000+ Cycle	Cycle Times	✗ 200-500 Cycle
✓ >10 Years Service Life	Life cycle	✗ 2-3 Years
✓ Stable and safety	Function	✗ Unsafe and easy To explode

Product Details

Connection In Parallel (Maximum of 4 Batteries)



12v(12.8V)400Ah Battery System

Support and Services:

The Lithium Ion Battery Pack product comes with a range of technical support and services to ensure its optimal performance and longevity:

Expert technical advice and troubleshooting

Regular firmware updates to ensure compatibility with the latest devices and operating systems

Comprehensive user manuals and documentation

Onsite installation and testing services

Warranty and repair services

24/7 customer support via email or phone

Our team of experienced technicians and support staff are dedicated to providing you with the best possible experience with our Lithium Ion Battery Pack product.



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