



## CE RoHS UN38.3 Certified Lifepo4 Battery 3000 Recharge Cycles Safe Long Life Rechargeable Lithium Iron Phosphate Battery

### Our Product Introduction

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#### Basic Information

- Place of Origin: China
- Brand Name: Pinsheng energy
- Certification: CE , MSDS , UN38.3,IES
- Model Number: PE-10550
- Minimum Order Quantity: 1 unit
- Price: Negotiatial
- Packaging Details: carton box, UN box, wooden box
- Delivery Time: 20-30days
- Payment Terms: L/C , D/A , D/P , T/T , Western Union , MoneyGram
- Supply Ability: 30000pcs/month



#### Product Specification

- Protection: Overcharge/Over Discharge/Over Current/Short Circuit
- Type: Rechargeable Li-Ion Battery
- Charging Time: 2-3 Hours
- Power: 3.072KWh
- Rechargeable: Yes
- Voltage: 25.6V Or Customized
- Applications: Portable Devices/Power Tools
- Warranty: 3 Year
- Highlight: **CE certified Lifepo4 rechargeable battery, RoHS compliant lithium iron phosphate battery, UN38.3 safe long life battery**

## Product Description

### Product Description:

Introducing our Rechargeable Li-Ion Battery, a cutting-edge energy solution designed to meet the growing demands of modern portable power applications. Crafted with high-quality lithium-ion material, this battery offers a reliable and efficient power source, making it an ideal choice for a variety of uses including new portable power station setups and solar energy systems. The superior chemistry of lithium-ion ensures a lightweight yet powerful battery that can be easily integrated into diverse energy storage solutions.

One of the standout features of this rechargeable battery is its customizable voltage options. While the standard voltage is 25.6V, we offer tailored configurations to meet specific project requirements. This flexibility makes our battery packs perfect for custom applications where precise voltage specifications are crucial. Whether you are designing a compact portable power station or expanding a solar energy system, our customizable lithium battery packs provide the adaptability and performance needed for your project.

Charging efficiency is paramount in portable energy solutions, and this rechargeable lithium-ion battery excels with a rapid charging time of just 2 to 3 hours. This quick turnaround allows users to minimize downtime and maximize productivity, ensuring that power is available when it is needed most. Coupled with advanced internal circuitry, the battery maintains optimal health and prevents overcharging, which contributes to its longevity and safety.

Durability and lifespan are critical factors in evaluating rechargeable batteries, and our product is engineered to deliver exceptional endurance. With an impressive recharge cycle count of up to 3000 cycles, this battery outperforms many conventional options available on the market. This longevity means fewer replacements, reduced maintenance costs, and a smaller environmental footprint, making it not only an economical choice but also an eco-friendly one.

Reliability is further reinforced by a comprehensive 3-year warranty, providing users with peace of mind and assurance of quality. This warranty reflects our confidence in the battery's construction and performance, ensuring that your investment is protected against manufacturing defects and performance issues. Whether used in a rugged outdoor environment or as part of a home solar energy system, the battery is built to withstand the demands of regular use.

Our rechargeable lithium-ion battery is an excellent fit for integration into new portable power stations, offering a stable and durable energy reserve that enhances the station's overall capacity and efficiency. It is also highly compatible with solar energy systems, where reliable energy storage is essential to capture and utilize solar power effectively. By combining our customizable lithium battery packs with solar panels, users can create sustainable and off-grid power solutions tailored to their unique energy needs.

In summary, this rechargeable Li-Ion battery represents a versatile and high-performance energy storage solution. Its customizable voltage options, rapid charging time, long recharge cycle life, and robust 3-year warranty make it a superior choice for anyone seeking dependable power for portable stations, solar energy systems, or other innovative applications. Experience the benefits of advanced lithium-ion technology and empower your energy projects with a battery designed for the future.

### Applications:

The Pinsheng Energy Rechargeable Li Ion Battery, model PE-10550, is a highly reliable and versatile lifepo4 battery designed to meet the demanding needs of modern portable devices and power tools. Originating from China and certified with CE, MSDS, UN38.3, and IES, this battery ensures safety, performance, and compliance with international standards. With a robust capacity of 120Ah and an operating temperature range from -20 to 60, it is well-suited for use in various application occasions where stable and long-lasting power is essential.

This battery is ideal for use in portable devices such as handheld power tools, camping equipment, and emergency backup systems, where dependable energy storage is critical. Its customizable lithium battery packs feature allows users to tailor the battery configuration to their specific requirements, making it perfect for banks lithium battery systems utilized in renewable energy storage, electric vehicles, and off-grid power solutions. The advanced protection mechanisms integrated into the battery, including overcharge, over-discharge, over-current, and short circuit protection, provide additional safety and extend the battery's lifespan under rigorous operating conditions. In industrial and commercial scenarios, the Pinsheng Energy PE-10550 is frequently employed in power tools that demand high power output and durability. Its wide storage temperature range of -20 to 55 makes it suitable for use in diverse climates and environments, from cold warehouses to warm outdoor sites. The battery's packaging options—carton box, UN box, and wooden box—allow for secure transportation and handling, whether ordering a single unit or bulk quantities up to 30,000 pieces per month.

Thanks to flexible payment terms including L/C, D/A, D/P, T/T, Western Union, and MoneyGram, and a delivery time of 20-30 days, customers can conveniently procure this premium lifepo4 battery for both small-scale and large-scale projects. Whether you need a single unit or customized banks lithium battery configurations, Pinsheng Energy's PE-10550 rechargeable lithium battery offers a powerful, safe, and adaptable solution suitable for a wide range of application occasions and scenarios.

### Support and Services:

Our Rechargeable Li Ion Battery product comes with comprehensive technical support and services to ensure optimal performance and customer satisfaction. We provide detailed user manuals, troubleshooting guides, and safety instructions to help you use the battery efficiently and safely. Our technical support team is available to assist with any questions related to installation, operation, and maintenance. Additionally, we offer warranty services and replacement options in case of manufacturing defects. Regular software updates and performance tips are also provided to enhance the battery's lifespan and reliability. For extended support, we offer customized service plans tailored to meet specific application requirements. Trust our dedicated support to keep your Rechargeable Li Ion Battery running smoothly and effectively.

### Packing and Shipping:

#### Product Packaging and Shipping for Rechargeable Li-Ion Battery

Each rechargeable Li-Ion battery is carefully packaged to ensure maximum protection during transit. The battery is placed in an anti-static bag to prevent any electrostatic discharge, followed by a secure, cushioned box to absorb shocks and impacts.

Packaging materials comply with international safety standards for lithium-ion batteries, including UN 38.3 certification for safe transport. For shipping, batteries are labeled according to IATA and DOT regulations, indicating the presence of lithium-ion cells and providing necessary handling instructions.

We offer multiple shipping options, including air, sea, and ground freight, all handled by experienced carriers familiar with hazardous materials.

Tracking information is provided upon shipment, ensuring timely delivery and full transparency throughout the shipping process.



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