



Customizable 72V 40Ah Rechargeable Li Ion Battery with BMS Inside and 3 Years Warranty

Our Product Introduction

for more products please visit us on rechargeable-liionbattery.com

Basic Information

- Place of Origin: Hunan, China
- Brand Name: Pinsheng
- Model Number: PSWD-7240
- Minimum Order Quantity: 2
- Price: \$749



Product Specification

- Nominal Voltage: 72V
- Nominal Capacity: 40Ah
- Battery Chemicals: Li-ion
- BMS Model: BMS-Li20S7010-827
- Standard Charging Current: 4A
- Continuous Discharging: 40A
- Dimensions: 220mm(L)x160mm(W)x320mm(T)
- Weight: 21kg
- Charging Temperature: 0°C 45°C
- Discharging Temperature: -20°C 55°C
- Cycle Life: >3000 Times
- Anode Material: LFP
- Battery Size: LifePO4
- Charging Ratio: 4A
- Discharge Rate: 40A



More Images



Product Description

Wholesale Price Custom Rechargeable Electric Bike Scooter 72V 40Ah LiFePO4 Battery Pack

Product Specifications

| | |
|-----------------------------------|--|
| Model Number | PSWD-23021102 |
| Battery Chemistry | Li-ion |
| Nominal Voltage | 72V |
| Nominal Capacity | 40Ah |
| BMS | BMS-Li20S7010-827 |
| Standard Charging Current | 4A |
| Continuous Discharging | 40A |
| Dimensions | 220mm(L) × 160mm(W) × 320mm(T) |
| Weight | 21kg |
| Working Temperature (Charging) | 0°C to 45°C |
| Working Temperature (Discharging) | -20°C to 55°C |
| Cycle Life | >3000 times (80% of initial capacity at 0.2C rate) |

Company Profile





Hunan Pinsheng Energy Technology Co., Ltd. is located in Changsha City, Hunan Province. We specialize in developing and producing Li-ion batteries and battery system integration. Through years of research and development, we have established a complete industry chain from research and production to sales. Our lithium-ion batteries feature longer cycle life, enhanced safety, greater reliability, and higher energy density. Our products are widely used in electric bikes, e-scooters, electric motorcycles, electric tricycles, golf carts, forklifts, electric vehicles, UPS systems, telecommunication systems, and off-grid wind & solar energy storage applications.

Pinsheng Energy Battery products are sold worldwide, supported by a strict quality assurance system. We prioritize customer needs and continuously improve our product quality and services. With our own R&D team, we offer customized solutions and have become a competitive manufacturer in China, dedicated to being a top OEM & ODM provider.

Packing & Delivery

We use high-hardness custom sponge to reinforce and protect the battery during shipping.

Certifications

Frequently Asked Questions

Q: What type of electric bike battery is this?

A: This is a Li-ion battery with Li(NiCoMn)O₂ chemistry.

Q: What's the difference between Li-ion, Ni-MH, and lead-acid batteries?

A: E-bike Li-ion batteries have longer cycle life (typically 800-1000 cycles), lighter weight, smaller size, no memory effect, and are non-toxic and environmentally friendly.

Q: What are the temperature ranges for charging and discharging?

A: Charge temperature: 0°C to 45°C. Discharge temperature: -20°C to 65°C.

Q: What kind of cells are used in these batteries?

A: We use different capacity cells depending on requirements, including original A-grade brand cells and high-quality domestic cells. All can be customized to your specifications.

Q: Do your e-bike batteries come with a charger?

A: Yes, all our e-bike batteries include a charger. We offer both standard and fast chargers (fast chargers available upon request).

Q: Do your batteries include a BMS?

A: Yes, all our batteries include SEIKO IC BMS for stable performance, protecting against short circuit, overcharge, over-discharge, and over-current.

Q: Do you provide OEM and ODM services?

A: Yes, as a professional electric bike battery manufacturer, we produce high-quality lithium batteries according to customer requirements and designs. We welcome OEM and ODM orders and factory visits.

Recommended Products

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