



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

### **Basic Information**

Place of Origin: Hunan, China
Brand Name: Pinsheng
Model Number: PSWD-7240

Minimum Order Quantity: 2Price: \$749



### **Product Specification**

Nominal Voltage: 72VNominal Capacity: 40AhBattery Chemicals: Li-ion

BMS Model: BMS-Li20S7010-827

Standard Charging Current: 4AContinuous 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 PINSHENG PINSHENG PINSHENG

### **Product Description**

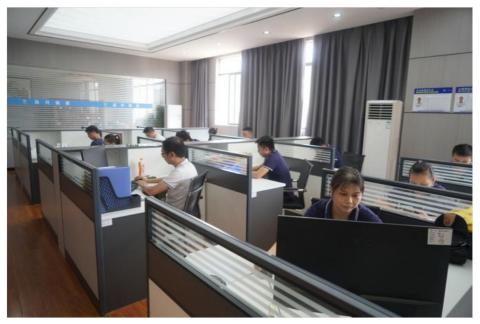
### Wholesale Price Custom Rechargeable Electric Bike Scooter 72V 40Ah LiFePO4 Battery Pack

### **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: C	A: Charge temperature: 0°C to 45°C. Discharge temperature: -20°C to 65°C.	
Q:	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: Y	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.		
Red	commended Products	



## **Hunan Pinsheng Energy Technology Co., LTD.**



15616151876



info@pinshengenergy.com



rechargeable-liionbattery.com

NO. 259, Lixiang East Road, Xiangfeng Technology Industry Park, Changsha City, Hunan, China.