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isinwheel U1

isinwheel U1 Electric Bike Battery User Manual

Model: U1 (36V 7.8Ah)

1. Product Overview

This manual provides essential information for the safe and efficient use of your isinwheel U1 Electric Bike Battery. Please read it thoroughly before initial use and retain it for future reference.



Image: The isinwheel U1 Electric Bike Battery, a blue cylindrical battery pack with red and black cables and connectors, featuring a warning label and QR code.

The isinwheel U1 electric bike battery is a 36V 7.8Ah power source designed for compatible electric bicycles. It provides reliable energy for your e-bike's motor, ensuring a smooth and extended riding experience.

2. Safety Instructions

Always adhere to the following safety guidelines to prevent damage to the battery, the e-bike, and to ensure personal safety:

- Do not disassemble, puncture, or modify the battery.
- Keep the battery away from water, fire, and extreme temperatures.
- Use only the charger specifically designed for this battery.
- Store the battery in a cool, dry place when not in use.
- Avoid dropping or subjecting the battery to severe impacts.
- If the battery shows signs of damage, swelling, or leakage, discontinue use immediately and contact support.

3. Setup and Installation

Before installing the battery, ensure your electric bike is turned off and the ignition key (if applicable) is removed.

1. **Unpacking:** Carefully remove the battery from its packaging. Inspect for any visible damage.
2. **Initial Charge:** For optimal performance and battery longevity, fully charge the battery before its first use. Connect the charger to the battery's charging port, then plug the charger into a standard wall outlet. The charging indicator on the charger will typically change color (e.g., red to green) when fully charged.
3. **Installation:** Locate the battery compartment on your isinwheel U1 electric bike. Carefully slide the battery into the compartment, ensuring it clicks securely into place. Some models may require locking the battery with a key.
4. **Connection:** Ensure all electrical connectors between the battery and the bike's system are firmly seated.

4. Operating the Battery

The battery powers the electric motor of your e-bike. Its operation is typically managed through the e-bike's control panel.

- **Power On/Off:** Turn on your e-bike using its main power switch. The battery will automatically supply power to the system. Turn off the e-bike when not in use to conserve battery life.
- **Battery Level Indicator:** Monitor the battery level indicator on your e-bike's display. Recharge the battery when the level is low to avoid unexpected power loss.
- **Range:** The actual range of your e-bike will vary based on factors such as terrain, rider weight, assistance level, and riding style.

5. Maintenance and Care

Proper maintenance extends the life and performance of your battery.

- **Charging:**
  - Always use the original or an approved compatible charger.
  - Do not overcharge the battery; disconnect the charger once charging is complete.
  - Charge the battery in a well-ventilated area, away from flammable materials.
- **Storage:**
  - If storing the battery for an extended period (over one month), charge it to approximately 50-70% capacity.
  - Store in a cool, dry place between 0°C and 20°C (32°F and 68°F).
  - Recharge the battery every 2-3 months during long-term storage to prevent deep discharge.
- **Cleaning:** Wipe the battery exterior with a soft, dry cloth. Do not use water or harsh chemicals.
- **Temperature:** Avoid exposing the battery to extreme hot or cold temperatures, as this can degrade performance and lifespan.

6. Troubleshooting

If you encounter issues with your battery, refer to the following common problems and solutions:

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Battery not charging	Charger not connected properly; Faulty charger; Battery too hot/cold; Battery fault.	Ensure connections are secure. Try another outlet. Allow battery to reach room temperature. Contact support if issues persist.
E-bike not powering on	Battery not installed correctly; Battery discharged; Loose connections.	Re-install battery securely. Charge battery fully. Check all cable connections.
Reduced range/performance	Battery degradation; Improper charging habits; Extreme temperatures.	Ensure proper charging and storage. Avoid extreme temperatures. Consider battery replacement if significantly degraded.

If troubleshooting steps do not resolve the issue, please contact isinwheel customer support.

7. Specifications

Attribute	Value
Brand	isinwheel
Model Name	U1 (Note: Product specifications also list U4 36V 10.4Ah Battery, but this manual is for the U1 36V 7.8Ah variant)
Voltage	36V
Capacity	7.8Ah
Manufacturer	Shenzhen Xincheng Times Technology Co.,Ltd
Date First Available	March 21, 2025



Image: Climate Pledge Friendly certification indicating sustainability features and carbon impact reduction.

8. Warranty Information

Specific warranty details for the isinwheel U1 Electric Bike Battery are typically provided at the point of purchase or on the official isinwheel website. Please retain your proof of purchase for warranty claims. Generally, batteries are covered

against manufacturing defects for a limited period. Damage due to misuse, improper charging, or unauthorized modifications is not covered.

9. Customer Support

For technical assistance, warranty claims, or any other inquiries regarding your isinwheel U1 Electric Bike Battery, please contact isinwheel customer support:

Phone: 1(888) 293-5788

Email: support@isinwheel.com

Website: Visit the isinwheel Store on Amazon



Image: isinwheel customer service representatives ready to assist with inquiries.

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