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iScooter U1

iScooter U1 Folding Electric Bike User Manual

Model: U1

Introduction

This user manual provides essential information for the safe operation, maintenance, and troubleshooting of your iScooter U1 Folding Electric Bike. Please read this manual thoroughly before your first ride to ensure optimal performance and safety.

The iScooter U1 is a compact and portable 14-inch electric bike designed for urban commuting and leisure. It features a 36V 7.8Ah battery, a 250W motor, and offers three riding modes for a versatile riding experience.

Product Overview



Image: The iScooter U1 Folding Electric Bike in black, shown unfolded with its handlebars, seat, pedals, and wheels. A coiled chain lock with a combination dial is also visible in the upper right corner, indicating it's an included accessory. The bike features a front headlight, rear suspension, and disc brakes on both wheels.

Included Components:

- iScooter U1 Electric Bike
- Charger
- User Manual (this document)
- Tool Kit

Setup and First Use

1. Unpacking and Inspection:

Carefully remove all components from the packaging. Inspect the bike for any signs of damage during transit. If any damage is found, contact customer support immediately.

2. Unfolding the Bike:

1. Place the bike on a flat, stable surface.
2. Release the frame latch (usually located near the main hinge) and unfold the main frame until it locks into place. Ensure the latch is securely fastened.
3. Raise the handlebar stem and secure its locking mechanism.
4. Unfold the pedals.
5. Insert the seat post into the frame and adjust the seat height to a comfortable riding position (recommended user height 150-185cm). Secure the quick-release lever.

3. Initial Battery Charge:

Before your first ride, fully charge the battery. Connect the charger to the bike's charging port and then to a power outlet. The charging indicator on the charger will change (e.g., from red to green) when fully charged. Charging time is approximately 4-5 hours.

4. Pre-Ride Checks:

- **Tires:** Check tire pressure. Ensure they are inflated to the recommended PSI (usually indicated on the tire sidewall).
- **Brakes:** Test both front and rear brakes to ensure they engage properly and stop the bike effectively.
- **Handlebars & Seat:** Confirm that the handlebars and seat are securely tightened and do not wobble.
- **Lights:** Verify that the headlight and tail light are functioning.
- **Folding Mechanisms:** Double-check all folding latches and quick-release levers are securely locked before riding.

Operating Instructions

1. Powering On/Off:

Locate the power button on the LCD display or control panel. Press and hold to turn the bike on or off.

2. Riding Modes:

The iScooter U1 offers 3 riding modes, which can be selected via the control panel:

- **Mode 1:** Pedal Assist (Low) - Up to 10 km/h
- **Mode 2:** Pedal Assist (Medium) - Up to 15 km/h
- **Mode 3:** Pedal Assist (High) - Up to 25 km/h

The maximum range is up to 45km in pedal assist mode, depending on factors such as road conditions, user weight, and riding style.

3. Braking:

The bike is equipped with dual disc brakes and an electronic brake for reliable stopping power. Apply both brake levers simultaneously for effective and safe braking. The rear brake flash light will activate upon braking.

4. Lights:

Activate the headlight and tail light using the dedicated button on the control panel for enhanced visibility, especially during low-light conditions or night riding.

5. Folding for Storage/Transport:

To fold the bike, reverse the unfolding steps. Ensure all folding parts (handlebar stem, pedals, seat) are collapsed and secured. The compact size (<0.15m³) makes it easy to store in car trunks or small spaces.

Maintenance

Regular maintenance ensures the longevity and safe operation of your iScooter U1 electric bike.

- **Battery Care:**
  - Charge the battery regularly, even if not in use, to maintain its health.
  - Avoid completely draining the battery before recharging.
  - Store the bike and battery in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Tires:** Check tire pressure weekly and inflate as needed. Inspect tires for wear, cuts, or punctures.
- **Brakes:** Regularly inspect brake pads for wear and ensure brake levers operate smoothly. Adjust or replace as necessary.
- **Chain:** Keep the chain clean and lubricated to ensure smooth operation and prevent rust.
- **Fasteners:** Periodically check all bolts, nuts, and quick-release levers to ensure they are tight and secure.
- **Cleaning:** Clean the bike with a damp cloth. Avoid using high-pressure water jets directly on electrical components.
- **Suspension:** Inspect the rear suspension for proper function and any signs of damage.

Troubleshooting

Problem	Possible Cause	Solution
Bike does not power on	Battery is low or depleted; Power cable loose; Display issue.	Charge the battery fully; Check all cable connections; Contact support if issue persists.
Motor not assisting	Battery low; Riding mode not selected; Sensor issue.	Charge battery; Select a riding mode; Check for error codes on display; Contact support.
Brakes feel weak	Worn brake pads; Loose brake cable; Disc rotor issue.	Inspect and replace brake pads; Adjust brake cable tension; Have a professional inspect the disc rotor.
Unusual noises during ride	Loose components; Dry chain; Bearing issue.	Check all fasteners; Lubricate chain; If noise persists, seek professional inspection.

For issues not listed here or if solutions do not resolve the problem, please contact iScooter customer support.

Specifications

Model Name	U1 Folding Electric Bike
Wheel Size	14 inches (14*1.95inch)
Battery	36V 7.8Ah (280.8Wh)

Charging Time	4-5 hours
Motor Power	250W (peak 350W)
Max Range	Up to 45km (pedal assist mode, varies by conditions)
Riding Modes	3 (10/15/25 km/h)
Brake Type	Dual Disc Brake and Electronic Brake
Lights	Headlight and Tail Light
Shock Absorption	Rear Suspension
Seat Height	76cm-81cm
Max Load	120kg (264lbs)
Foldable Parts	Handlebar stem, Pedals, Seat
Material Type	Alloy Steel
Color	Black

Warranty and Support

For warranty information and customer support, please refer to the documentation provided with your purchase or visit the official iScooter website. It is recommended to keep the original packaging for a period in case a return or service is required.
When contacting support, please have your product model (U1) and purchase details ready.

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