isinwheel U3

isinwheel U3 16" Foldable Electric Bike User Manual

Model: U3 | Brand: isinwheel

1. Setup

Your isinwheel U3 electric bike comes 85% pre-assembled. This section guides you through the final assembly steps to get your bike ready for its first ride.

1.1 Unboxing and Initial Assembly

Carefully remove the electric bike from its packaging. Remove all protective wrapping and ties. Ensure all components listed in the packing list are present.



Figure 1: The isinwheel U3 electric bike, shown both folded for transport and fully assembled for riding.

1.2 Handlebar and Seat Adjustment

Adjust the handlebar height and angle for comfortable riding. Secure the quick-release lever firmly. Adjust the seat post height to ensure your feet can comfortably touch the ground when stopped, and your legs have a slight bend at the knee when pedaling. Secure the seat post quick-release lever.

1.3 Pedal Installation

Identify the left (L) and right (R) pedals. The left pedal screws counter-clockwise, and the right pedal screws clockwise. Ensure they are tightened securely to prevent loosening during rides.

1.4 Attaching Rear Reflector

Attach the rear reflector to the designated mounting point on the seat post or rear rack for increased visibility.

1.5 Visual Guide: Installation and Operation

Video 1: A detailed guide on the installation and initial operation of your isinwheel U3 electric bike, including unboxing, pedal installation, and basic setup.

2. Operating Instructions

Familiarize yourself with the controls and features of your isinwheel U3 electric bike for a safe and enjoyable riding experience.

2.1 Powering On/Off and Display

Press and hold the power button on the LED Digital Instrument to turn the bike on or off. The display shows battery level, speed mode (low, mid, high), and other relevant information.



Figure 2: The 36V 7.8Ah Lithium Battery provides an impressive range of 30-40 miles in electric mode and over 50 miles in pedal assist mode.

2.2 Speed Modes and Riding

The U3 electric bike features three driving modes: Low, Normal, and High. Switch between these modes using the controls on the handlebar to adjust your speed and power output. The 500W motor provides powerful assistance up to 19 mph.



Figure 3: The powerful 500W motor delivers strong performance with 50 Nm of torque and UL Safety Certification.

2.3 Lighting System

The bike is equipped with an incredible lighting system for enhanced visibility. Turn on the front headlight and rear tail light using the designated switch on the handlebar, especially when riding in low-light conditions.



Figure 4: The incredible lighting system ensures high visibility and safety during night rides.

2.4 Folding and Unfolding

The isinwheel U3 features a quick-fold design for easy storage and portability. Follow the instructions in the installation video or the quick-fold diagram to fold and unfold the bike safely.



Figure 5: The 10-second quick fold feature allows for easy storage and transport, fitting conveniently into car trunks or public transport.

2.5 Riding Experience

Enjoy your rides with the front fork suspension that effectively reduces bumps and vibrations, providing a smoother and more controllable experience. The dual disc brakes offer powerful stopping ability for enhanced safety.



Figure 6: The isinwheel U3 is designed for versatile use, perfect for leisure riding, commuting, and exploring new paths.

Video 2: An overview of the isinwheel U3 electric bike's features and its suitability for daily commuting and leisure activities.

3. Maintenance

Regular maintenance ensures the longevity and optimal performance of your isinwheel U3 electric bike.

3.1 Battery Charging

Charge the 36V 7.8Ah battery using the provided 42V 3A charger. A full charge takes approximately 1-2 hours. Ensure the charging port is clean and dry before connecting the charger. The charger indicator light will change when fully charged.



Figure 7: The 42V 3A charger allows for fast charging, typically completing a full charge in 1-2 hours.

3.2 Tire Pressure

Regularly check and maintain the tire pressure as recommended in the specifications to ensure efficient riding and prevent punctures.

3.3 Brake Inspection

Inspect the dual disc brakes periodically for wear and tear. Ensure the brake levers are responsive and the braking power is adequate. Adjust or replace brake pads as necessary.

3.4 General Cleaning

Clean your bike regularly with a damp cloth. Avoid using high-pressure water jets directly on electrical components. Lubricate the chain periodically to ensure smooth operation.

4. Troubleshooting

This section provides solutions to common issues you might encounter with your isinwheel U3 electric bike.

Problem	Possible Cause	Solution
Bike does not power on	Low battery; Loose battery connection; Power button not pressed correctly	Charge the battery; Check battery connection; Press and hold power button firmly
Motor not engaging	Speed mode too low; Brake lever engaged; Loose motor cable	Switch to a higher speed mode; Release brake levers fully; Check motor cable connections
Reduced battery range	Improper tire pressure; Frequent use of high-speed mode/throttle; Cold weather	Inflate tires to recommended pressure; Use pedal assist more often; Battery performance may be reduced in cold temperatures
Brakes feel weak	Worn brake pads; Loose brake cable	Inspect and replace brake pads; Adjust brake cable tension

If you encounter issues not listed here or require further assistance, please contact customer support.

5. Specifications

Key technical specifications for the isinwheel U3 16" Foldable Electric Bike.

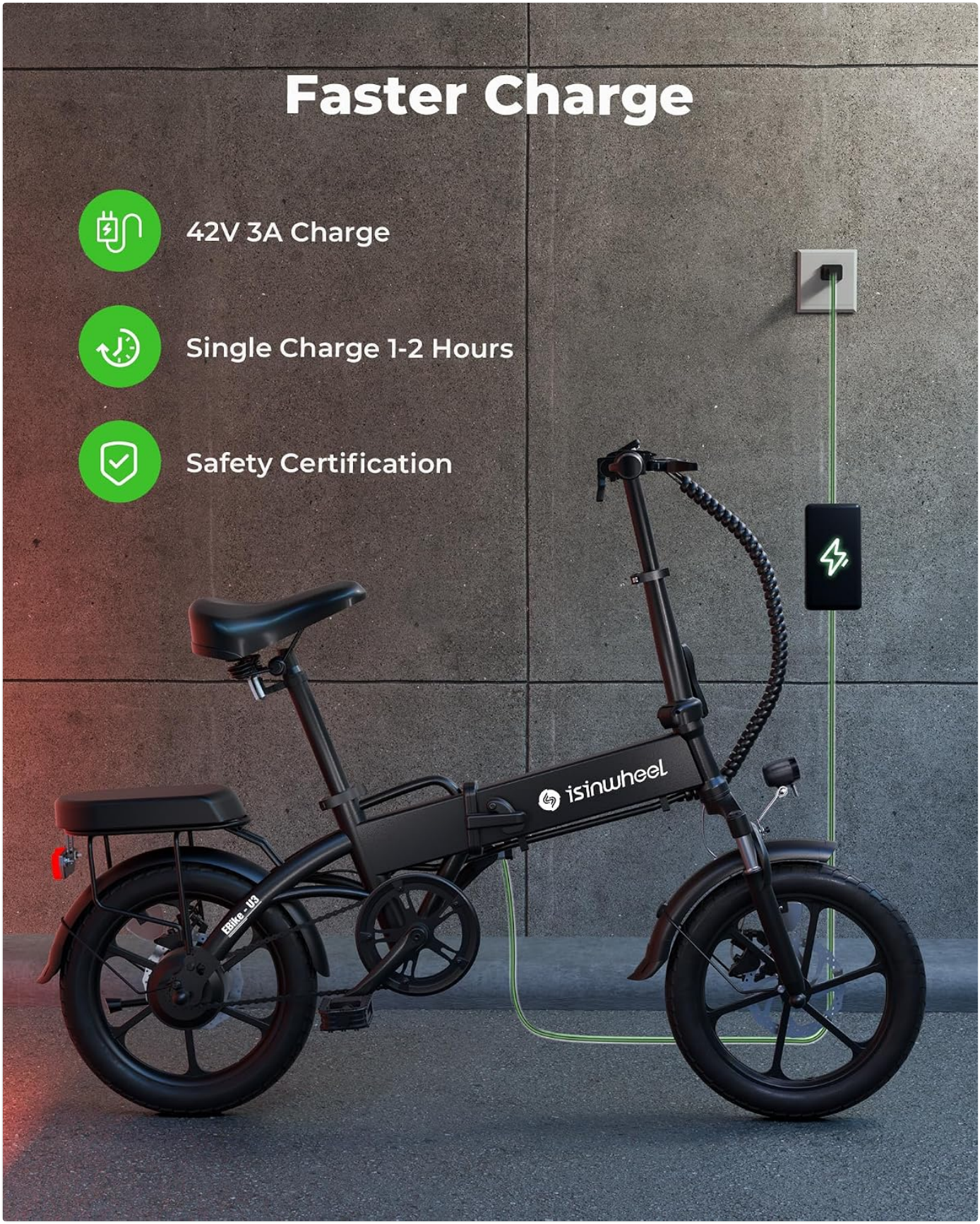


Figure 8: Detailed dimensions, e-bike weight (50 lbs), loading capacity (264 lbs), and recommended rider height (61.02-68.89 inches) for the isinwheel U3.

Feature	Value
Bike Type	Electric Bike, Folding Bike, Commuting Bike, Cruiser Bike

Feature	Value
Age Range (Description)	Adult
Brand	isinwheel
Number of Speeds	3
Color	Black
Wheel Size	16 Inches
Frame Material	Carbon Steel
Suspension Type	Front
Special Feature	Folding, Portable, Adjustable Seat, Digital Display
Included Components	1* Folding Bike, 1* Seat, 1* Handlebar, 2* Pedals, 1* Kickstand
Brake Style	Disc
Item Weight	519 Pounds (Note: This value seems unusually high, likely a data error. Actual weight is closer to 51.92 lbs as per description.)
Style	Classic
Model Name	U3
Power Source	Battery Powered
Wattage	500W
Wheel Material	Alloy Steel
Lithium Battery Energy Content	278.4 Watt Hours
Seat Material Type	Polyurethane (PU)
Warranty Type	Limited
Assembly Required	Yes
Bicycle Gear Shifter Type	Twist Grip
Electric Assist Type	Throttle-on-demand

6. Warranty and Support

Your isinwheel U3 electric bike comes with a 12-month limited warranty from the date of purchase, covering manufacturing defects.

6.1 Customer Support

For any questions, concerns, or technical assistance, please feel free to contact our customer support team. We are committed to providing prompt assistance and will reply within 24 hours.

For more information and resources, you can visit the official isinwheel store:isinwheel Store on Amazon.

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Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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