isinwheel U1 Electric Bike

isinwheel U1 Electric Bike User Manual

Model: U1 Electric Bike
Brand: isinwheel

Introduction

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your isinwheel U1 Electric Bike. Please read this manual thoroughly before your first ride and keep it for future reference.



The isinwheel U1 Electric Bike, designed for portability and urban commuting. The image displays the bike in both its unfolded and folded states, highlighting its compact nature.

Safety Information

Your safety is paramount. Always wear a helmet and appropriate safety gear when riding. Adhere to all local traffic laws and regulations. The isinwheel U1 Electric Bike is certified to strict safety standards, including UL2849 and CFR1512.

- Always perform a pre-ride inspection, checking brakes, tires, and battery level.
- Do not ride under the influence of alcohol or drugs.

- Be aware of your surroundings and other road users.
- Avoid riding in adverse weather conditions, such as heavy rain or snow.
- Ensure all components are securely fastened before riding.



Key safety features of the U1 Electric Bike include a bright headlight, integrated brake light, and dual disc brakes for reliable stopping power in all weather conditions.

Setup and Initial Use

Unboxing and Inspection

Carefully remove all components from the packaging. Verify that all included components are present: U1 Electric Bike, Charger, C-Shaped Quick Release Inner Tube, and Using Manual. Inspect the bike for any signs of damage during transit.

Battery Charging

The 36V 7.8Ah Lithium-Ion battery is integrated into the frame. Before first use, fully charge the battery. Connect the charger to the bike's charging port and then to a power outlet. A full charge typically takes 3-4 hours. The battery is replaceable and designed for

protection within the frame.



The efficient 36V 7.8Ah battery is discreetly housed within the bike's frame, offering a range of up to 40 KM (25 Miles) and requiring 3-4 hours for a full charge.

Adjustments

- **Seat Height:** Adjust the seat to a comfortable height, ensuring your feet can touch the ground when stopped. The seat is height-adjustable.
- **Handlebars:** The handlebars are foldable and can be adjusted for angle to ensure a comfortable riding posture, reducing strain on wrists, shoulders, and neck.
- **Pedals:** The pedals are also foldable for compact storage.



The foldable design allows for quick and easy storage, making the U1 Electric Bike highly portable for transport in car trunks or public transit.



This diagram provides key dimensions and recommended rider height (4'2"-5'5") for optimal comfort and fit on the U1 Electric Bike.

Operating Instructions

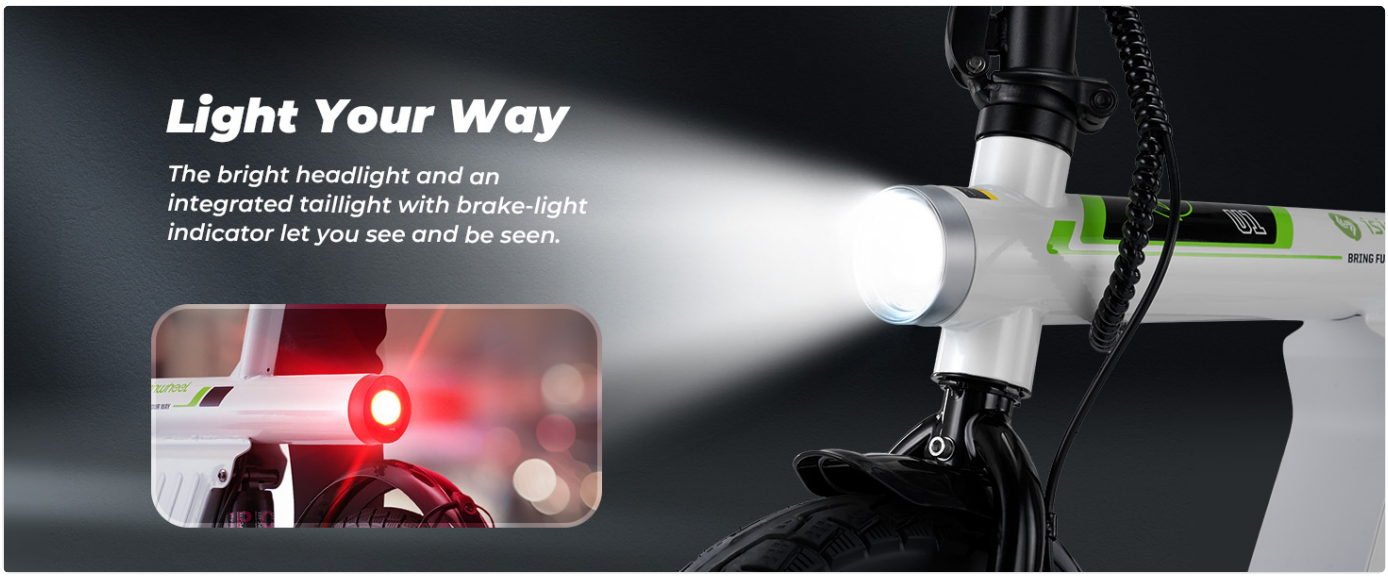
Powering On/Off

To power on the bike, press and hold the power button on the display. To power off, press and hold the power button again.

Riding Modes

The U1 Electric Bike offers four distinct riding modes:

1. **Pure Electric Mode (Assist 1-3):** The bike is propelled solely by the motor, controlled by the throttle.
2. **Pedal Assist Mode (Assist 1-3):** The motor provides assistance as you pedal. There are 3 levels of assistance to choose from.
3. **Normal Bike Mode (Assist 0):** The electric motor is disengaged, and the bike functions as a traditional bicycle.
4. **Walk Assist Mode (Long Press):** Provides low-speed assistance for walking the bike, useful when pushing it uphill or through crowded areas.



The U1 Electric Bike features four versatile riding modes: Pure Electric, Pedal Assist, Normal Bike, and Walk Assist, easily selectable via the intelligent display.

Intelligent Display

The handlebar-mounted display provides key information including current speed, battery level, assist level, and distance traveled.

Refer to the display to monitor your ride parameters.



The intelligent display provides clear, real-time information such as speed, battery level, and assist level, enhancing your riding experience.

Smart Uphill Technology

The 500W brushless motor integrates intelligent algorithms to automatically recognize inclines and provide tailored assistance, making uphill climbs effortless. The bike can conquer 15° inclines with ease.



The motor's adaptive power system provides instant assistance when encountering inclines, headwinds, or added weight, ensuring a smooth ride with its 500W motor and 15° uphill capability.

Maintenance

Regular maintenance ensures the longevity and safe operation of your isinwheel U1 Electric Bike.

- **Battery Care:** Store the battery in a cool, dry place. Avoid fully discharging the battery frequently. Charge it regularly, even if not in use, to maintain battery health.
- **Cleaning:** Use a damp cloth to wipe down the bike. Avoid high-pressure washing or submerging electrical components.
- **Brake Inspection:** Regularly check the brake pads for wear and ensure the disc brakes are functioning correctly. Adjust or replace as needed.
- **Tire Pressure:** Maintain recommended tire pressure for optimal performance and safety. Check regularly.
- **General Checks:** Periodically check all bolts and fasteners for tightness. Lubricate the chain as necessary.
- **Fenders:** The durable fenders help keep you clean from stagnant water and dust. Keep them clean for effective protection.

- **Suspension:** The dual suspension system (center suspension) reduces the effects of bumps and vibrations, providing a smoother ride. Inspect for proper function.

Troubleshooting

Problem	Possible Cause	Solution
Bike does not power on	Low battery; Loose battery connection; Faulty power button	Charge the battery; Ensure battery is properly seated; Contact support if button is faulty
Motor not assisting	Battery low; Assist level set to 0; Sensor issue	Charge battery; Increase assist level on display; Contact support
Brakes feel weak	Worn brake pads; Loose brake cable; Air in hydraulic system (if applicable)	Inspect and replace pads; Adjust cable tension; Seek professional service
Unusual noises	Loose components; Dry chain; Debris in moving parts	Check all fasteners; Lubricate chain; Clean bike thoroughly

Specifications

Feature	Detail
Model Number	U1 Electric Bike
Product Dimensions	120 x 58 x 100 cm
Item Weight	12 kg (26.4 lbs)
Motor Wattage	500 watts (Peak 750W)
Top Speed	Up to 32 Km/h (20 MPH)
Battery	36V 7.8Ah Lithium Ion (Included)
Range (Pedal Assist)	Up to 40 Km (25 Miles)
Charge Time	3-4 hours
Wheel Size	14 Inches
Brake Type	Dual Disc Brakes
Suspension	Dual (Center Suspension)
Frame Material	Aluminum
Number of Speeds	3 (Assist Levels)
Certifications	UL2849, CFR1512
Recommended Age Range	Adult
Max Load	264 lbs
Recommended Height	4'2"-5'5"

Warranty and Support

isinwheel provides a warranty for its products. Specific warranty periods may vary for different parts (e.g., one year or 180 days). Please refer to the included isinwheel Brand Card or contact customer support for detailed warranty information.
For any product issues, technical assistance, or warranty claims, please contact the isinwheel Support Team. Do not attempt to repair the product yourself unless specifically instructed, as this may void your warranty.
If you need to arrange for the return of the folding electric bike, contact the isinwheel Support Team for assistance. Do not handle the process yourself to ensure package safety and proper procedure.
Keep the original packaging of your e-bike in case you find the product unsuitable or require shipping for service.

© 2024 isinwheel. All rights reserved.
For more information, visit the isinwheel Store.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

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.

Submit question