

## Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

[manuals.plus](#) /

› [isinwheel](#) /

› [isinwheel U4 16" Folding Electric Bike User Manual](#)

## isinwheel U4

# isinwheel U4 16" Folding Electric Bike User Manual

Model: U4

## INTRODUCTION AND SAFETY GUIDELINES

---

Thank you for choosing the isinwheel U4 16" Folding Electric Bike. This manual provides essential information for the safe assembly, operation, and maintenance of your e-bike. Please read it thoroughly before your first ride and retain it for future reference.

### Important Safety Information

- Always wear a helmet that meets safety standards when riding.
- Familiarize yourself with local traffic laws and regulations before riding.
- Perform a pre-ride inspection before each use, checking brakes, tires, and battery level.
- Do not ride under the influence of alcohol or drugs.
- Avoid riding in adverse weather conditions, such as heavy rain or snow.
- Ensure the bike is properly folded and secured when transporting.
- Keep hands and feet clear of moving parts.
- Children should only operate the e-bike under adult supervision and if they meet age and height requirements.

## PACKAGE CONTENTS

---

Upon opening the package, please verify that all components are present and undamaged:

- isinwheel U4 Folding Electric Bike (partially assembled)
- Battery Pack (pre-installed or separate)
- Battery Charger
- User Manual (this document)
- Tool Kit (basic assembly tools)
- Pedals

## SETUP AND INITIAL ASSEMBLY

---

The isinwheel U4 comes partially assembled. Follow these steps to prepare your bike for its first ride.

## 1. Unfolding the Bike

1. Place the folded bike on a flat, stable surface.
2. Release the frame latch, typically located in the middle of the main frame tube.
3. Carefully unfold the frame until it locks into place. Ensure the latch is securely fastened.
4. Unfold the handlebar stem and secure its latch. Adjust the handlebar height as desired.
5. Unfold the pedals if they are foldable.



Image: The isinwheel U4 16-inch Folding Electric Bike, showcasing its compact design and ready-to-ride configuration.

## 2. Battery Installation and Charging

The battery may be pre-installed or require insertion. Ensure the battery is fully charged before your first ride.

- If the battery is separate, insert it into its compartment and secure it with the key lock.
- Connect the charger to the charging port on the bike or directly to the battery if removable.
- Plug the charger into a standard wall outlet. The indicator light on the charger will typically turn red during charging and green when fully charged.
- Charging time is approximately 4-6 hours. Do not overcharge.

## 3. Handlebar and Seat Adjustment

Adjust the handlebar and seat to a comfortable riding position.

- **Handlebar:** Loosen the quick-release lever on the handlebar stem, adjust to your preferred height, and securely fasten the lever.
- **Seat Post:** Loosen the quick-release lever on the seat post, adjust the seat height so your feet can comfortably touch the ground when stopped, and securely fasten the lever. Ensure the seat is aligned with the frame.

## OPERATING INSTRUCTIONS

---

### 1. Powering On/Off

- To power on, press and hold the power button on the display panel for a few seconds.
- To power off, press and hold the power button again until the display turns off.

### 2. Pedal Assist System (PAS)

The PAS provides motor assistance while you pedal. The U4 features multiple assist levels.

- Use the '+' and '-' buttons on the display to cycle through assist levels (e.g., 1-3 or 1-5).
- Higher levels provide more motor assistance.
- The motor will engage once you start pedaling.

### 3. Throttle Operation

The throttle allows for motor-only propulsion without pedaling.

- Gently twist the throttle grip (usually on the right handlebar) to engage the motor.
- Vary the twist to control speed.
- Always be mindful of your surroundings when using the throttle.

## 4. Display Functions

The LCD display provides important riding information:

- **Speed:** Current riding speed.
- **Battery Level:** Indicates remaining battery charge.
- **PAS Level:** Shows the current pedal assist level.
- **Odometer/Trip Meter:** Displays total distance or current trip distance.
- Refer to the full display manual (if separate) for advanced settings.

## 5. Riding Tips

- Start in a low PAS level until you are comfortable with the bike's power.
- Anticipate stops and use both brakes smoothly.
- Be aware of your surroundings and signal turns.
- Practice in a safe, open area before riding in traffic.

# MAINTENANCE

---

Regular maintenance ensures the longevity and safe operation of your isinwheel U4 e-bike.

## 1. Cleaning

- Wipe down the frame with a damp cloth. Avoid high-pressure washing, especially near electrical components.
- Clean the chain regularly and apply bicycle-specific lubricant.

## 2. Tire Pressure

- Check tire pressure before each ride. The recommended PSI is usually printed on the tire sidewall.
- Proper tire pressure improves ride quality, efficiency, and prevents flats.

## 3. Brake Adjustment

- Ensure brake levers are firm and responsive.
- If brakes feel spongy or do not engage properly, have them inspected and adjusted by a qualified bicycle mechanic.

## 4. Battery Care

- Charge the battery regularly, even if not using the bike for extended periods (at least once a month).
- Store the battery in a cool, dry place, away from direct sunlight and extreme temperatures.
- Do not fully discharge the battery frequently, as this can reduce its lifespan.

## 5. Storage

- Store the bike in a dry, sheltered area.
- If storing for a long period, ensure the battery is charged to about 50-70%.
- The folding mechanism allows for compact storage.

## TROUBLESHOOTING

---

Refer to the table below for common issues and their solutions.

Problem	Possible Cause	Solution
Bike does not power on	Battery not charged, battery not properly seated, power button not pressed correctly.	Charge battery, ensure battery is securely locked, press and hold power button firmly.
Motor not assisting (PAS/Throttle)	Low battery, PAS level set to zero, brake levers engaged, loose connection.	Check battery level, increase PAS level, ensure brake levers are fully released, check cable connections.
Brakes feel weak	Worn brake pads, loose brake cable, air in hydraulic system (if applicable).	Inspect and replace brake pads, adjust brake cable tension, consult a mechanic for hydraulic issues.
Unusual noises	Loose components, dry chain, rubbing parts.	Inspect all bolts and fasteners, lubricate chain, check for rubbing components and adjust.

## SPECIFICATIONS

---

Key technical specifications for the isinwheel U4 16" Folding Electric Bike:

- **Bike Type:** Electric Bike
- **Motor:** 750W Peak Motor
- **Battery:** 374.4Wh
- **Max PAS Range:** Up to 55 Miles
- **Max Speed:** Up to 19 MPH
- **Wheel Size:** 16 inches
- **Drivetrain Type:** Electric
- **Color:** Black
- **Age Range:** Adult

## WARRANTY INFORMATION

---

The isinwheel U4 Electric Bike comes with a Limited Warranty. Please refer to the warranty card included with your purchase or visit the official isinwheel website for detailed terms and conditions regarding coverage, duration, and claims process.

This warranty typically covers manufacturing defects in materials and workmanship for a specified period from the date of purchase. It generally does not cover normal wear and tear, misuse, accidents, or unauthorized modifications.

## CUSTOMER SUPPORT

---

For any questions, technical assistance, or warranty claims, please contact isinwheel customer support:

**Phone:** 1(888) 293-5788

Email: [support@isinwheel.com](mailto:support@isinwheel.com)



**Shop with Confidence**

 **Call center**  
1(888) 293-5788

 **Live Chat:**  
[support@isinwheel.com](mailto:support@isinwheel.com)



Image: isinwheel customer support team ready to assist with inquiries.