Roinside UP8

Roinside Dual Suspension Electric Scooter UP8 User Manual

Model: UP8

1. Introduction

Thank you for choosing the Roinside Dual Suspension Electric Scooter UP8. This manual provides essential information for the safe operation, assembly, maintenance, and troubleshooting of your new electric scooter. Please read this manual thoroughly before your first ride to ensure proper use and to maximize your riding experience.

The Roinside UP8 is designed for urban commuting and leisure, featuring a 350W motor, dual suspension for a smooth ride, and a smart app for enhanced control.

2. Safety Information

Operating an electric scooter carries inherent risks. To ensure your safety and the safety of others, please adhere to the following guidelines:

- Always wear a helmet and appropriate protective gear (knee pads, elbow pads) when riding.
- Familiarize yourself with local laws and regulations regarding electric scooter use.
- Do not ride in wet conditions, heavy rain, or on slippery surfaces.
- Avoid riding on uneven terrain, potholes, or over obstacles that could cause loss of control.
- Maintain a safe distance from pedestrians, vehicles, and other riders.
- Do not perform stunts or dangerous maneuvers.
- Ensure the scooter is fully charged and all components are securely fastened before each ride.
- The maximum load capacity is 264 lbs (120 kg). Do not exceed this limit.
- Recommended user height is 4.9-6 FT.
- This scooter is intended for adult use.

3. Package Contents

Upon opening the package, please verify that all items are present and in good condition:

- Roinside Dual Suspension Electric Scooter UP8

- Power Adapter/Charger
- User Manual
- Assembly Tools (if required for minor assembly)

4. Setup

4.1 Unfolding the Scooter

The scooter comes folded for transport. Follow these steps to unfold it:

1. Place the scooter on a flat surface.
2. Release the folding latch mechanism, usually located near the base of the handlebar stem.
3. Carefully lift the handlebar stem until it locks into the upright position. Ensure the locking mechanism is fully engaged.
4. Secure any additional clamps or safety pins if present.



The Roinside UP8 electric scooter is designed to fold in approximately 3 seconds for easy portability and storage. To fold, lower the handlebars backward and latch onto the rubber clamp.

4.2 Initial Charging

Before your first ride, fully charge the scooter's battery. The battery capacity is 36V 5.2Ah, providing a range of up to 15 miles on a full charge. A full charge typically takes approximately 4-5 hours.

- Locate the charging port on the scooter.
- Connect the charger to the charging port, then 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.
- Do not overcharge the battery. Disconnect the charger once charging is complete.



The scooter features a 36V 5.2Ah battery, offering a long range of 15 miles and fast charging in approximately 5 hours.

4.3 Smart App Installation and Pairing

Enhance your riding experience by connecting your scooter to the dedicated smartphone app. The app allows control over the LED display, cruise system, speed modes, and includes a scooter lock function.

1. Download the official Roinside app from your device's app store (iOS or Android).
2. Ensure your scooter is powered on and Bluetooth is enabled on your smartphone.
3. Open the app and follow the on-screen instructions to search for and pair with your scooter.
4. Once paired, you can access various settings and features.

5. Operating Instructions

5.1 Powering On/Off

- To power on: Press and hold the power button on the display for a few seconds until the screen illuminates.
- To power off: Press and hold the power button again until the display turns off.



The Smart LED Display shows essential information such as current speed, mileage, battery level, and selected working mode.

5.2 Riding Modes

The scooter offers three riding modes to customize your experience:

- **Eco Mode (8 mph):** Energy-saving mode for extended range and gentle acceleration.
- **Comfort/Drive Mode (12 mph):** Balanced mode for everyday commuting.
- **Sport Mode (19 mph):** Maximum speed and acceleration for dynamic riding.

Switch between modes using the control button on the handlebar or via the smartphone app.



Customize your ride experience with three distinct riding modes: Eco, Comfort (Drive), and Sport, offering speeds of 8 mph, 12 mph, and 19 mph respectively.

5.3 Starting Modes

The scooter supports two starting methods:

- **Electric Start Mode:** Press the accelerator to engage the motor directly from a standstill.
- **Glide Start Mode:** Push off with your foot to gain initial momentum (e.g., 1-2 mph) before pressing the accelerator.

This mode can be enabled or disabled via the smartphone app.

5.4 Braking System

The Roinside UP8 features a dual braking system for reliable stopping power:

- **Disc Braking:** A mechanical disc brake provides strong stopping force.
- **EABS Regenerative Anti-lock Braking:** An electronic braking system that also recharges the battery slightly during deceleration.

Always apply brakes smoothly and gradually. Avoid sudden, harsh braking, especially at high speeds or on slippery surfaces.

5.5 Dual Suspension System

The scooter is equipped with a dual suspension system to absorb shocks and provide a smoother ride over varied terrain.



The quadruple shock absorption system ensures a smoother ride, even on bumpy roads, by effectively dampening vibrations.

5.6 Motor Performance

The 350W brushless motor provides reliable performance for daily commutes and can handle inclines up to 20%.



The 350W motor delivers reliable performance, allowing for a maximum speed of 19 MPH and the ability to climb hills with up to a 20% incline.

6. Maintenance

6.1 Cleaning

- Wipe the scooter clean with a damp cloth after each use.
- Do not use high-pressure water jets or corrosive cleaning agents.

- Ensure the charging port cover is securely closed to prevent water ingress.

6.2 Tire Care

The Roinside UP8 uses 8.5-inch solid tires, which do not require inflation. Regularly inspect the tires for signs of wear, cuts, or damage. Replace tires if significant wear is observed to maintain optimal grip and safety.

6.3 Battery Care

- Charge the battery regularly, even if the scooter is not in use, to maintain battery health.
- Store the scooter in a cool, dry place away from direct sunlight and extreme temperatures.
- Avoid completely draining the battery before recharging.

6.4 Brake Inspection

Periodically check the functionality of both the disc brake and the EABS regenerative brake. Ensure brake levers operate smoothly and provide adequate stopping power. Adjust or replace brake components as necessary.

7. Troubleshooting

Problem	Possible Cause	Solution
Scooter does not power on	Low battery; Loose connections; Power button malfunction	Charge the battery; Check all visible connections; Contact support if issue persists
Reduced range or speed	Low battery; Overload; Tire wear; Riding uphill frequently	Fully charge battery; Ensure rider weight is within limits; Inspect tires; Adjust riding style
Brakes feel weak	Brake pads worn; Cable loose; Disc damage	Inspect and replace brake pads; Adjust brake cable tension; Consult a technician
App connection issues	Bluetooth off; Scooter not powered on; App outdated	Ensure Bluetooth is on and scooter is powered; Restart app and scooter; Update app

8. Specifications

Feature	Detail
Model	UP8
Brand	Roinside
Motor Power	350W Brushless Motor
Max Speed	19 MPH (30 km/h)
Max Range	Up to 15 Miles (24 km)
Battery	36V 5.2Ah (323Wh)
Charging Time	Approx. 4-5 Hours
Tires	8.5-inch Solid Tires
Braking System	Dual Braking (Disc Brake + EABS Regenerative Anti-lock)

Feature	Detail
Suspension	Dual Suspension
Frame Material	Aluminum Alloy
Max Load Capacity	264 lbs (120 kg)
Recommended User Height	4.9 - 6 FT
Assembled Dimensions (LxWxH)	42 x 17 x 44 inches
Package Dimensions (LxWxH)	43.5 x 22.5 x 6.75 inches
Special Features	Digital Display, Smart App Control, Folding Design



Key dimensions of the Roinside electric scooter, including its height (44 inches), length (42 inches), width (17 inches), and maximum load capacity (264 LBS).

9. Warranty and Support

Roinside provides a limited warranty for this product. As per the product description, there is a 12-month service period for different parts. For specific warranty terms and conditions, please refer to the warranty card included with your purchase or contact Roinside customer support.

If you encounter any issues or have questions regarding your Roinside Dual Suspension Electric Scooter UP8, please

contact our customer support team. Provide your model number (UP8) and purchase details for efficient assistance.

- **Manufacturer:** Ming Liu Hui Technology Co., Ltd
- **Contact:** Refer to your product packaging or the official Roinside website for the most current support contact information.

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