iScooter iX3

iScooter iX3 Electric Scooter User Manual

Model: iX3

1. Introduction

Thank you for choosing the iScooter iX3 Electric Scooter. 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 optimal performance and safety.

2. Safety Guidelines

Your safety is paramount. Always adhere to the following guidelines:

- Always wear a helmet and appropriate safety gear (knee pads, elbow pads) when riding.
- Do not ride in heavy rain, snow, or on icy surfaces.
- Ensure all bolts and fasteners are tightened before each ride.
- Familiarize yourself with local traffic laws and regulations regarding electric scooters.
- Maintain a safe distance from other vehicles and pedestrians.
- Avoid sudden braking or sharp turns at high speeds.
- Do not allow children under the age of 16 to operate the scooter.
- The maximum rider weight is **120 kg**. Do not exceed this limit.
- Do not operate the scooter under the influence of alcohol or drugs.

3. Package Contents

Upon opening the package, please verify that all the following items are included:

- 1 x iScooter iX3 Electric Scooter
- 1 x Charger
- 1 x User Manual (this document)

If any items are missing or damaged, please contact customer support immediately.

4. Product Overview

The iScooter iX3 is designed for adult riders, featuring robust construction and advanced functionalities for a comfortable and safe riding experience.



Figure 4.1: The iScooter iX3 Electric Scooter shown in both its unfolded riding position and its compact folded state, alongside a smartphone screen illustrating the companion mobile application for control and monitoring.



Figure 4.2: The iX3 scooter in use, emphasizing its 10-inch off-road pneumatic tubeless tires, 500W powerful motor, 25 KM/H top speed, 30-40KM long range, and 48V 10Ah battery.

5. Assembly

The iScooter iX3 comes mostly pre-assembled. Follow these steps for final setup:

1. **Unfold the Scooter:** Carefully lift the stem until it locks into place. Ensure the folding mechanism is securely latched.
2. **Attach the Handlebar:** Connect the handlebar to the stem. Ensure the cables are not pinched. Tighten any screws firmly.
3. **Check Tire Pressure:** Before your first ride, check the tire pressure of the 10-inch pneumatic off-road tires. Adjust if necessary according to the recommended pressure indicated on the tire sidewall.
4. **Initial Charge:** Fully charge the scooter before its first use. Refer to the 'Charging the Battery' section for details.

6. Operating the Scooter

6.1. Controls and Display

The iX3 features an intuitive control panel and a large LCD screen for easy monitoring of your ride.



Figure 6.1: The large LCD screen displays critical information such as speed, battery level, headlight status, cruise control indicator, gear mode, total mileage, and temperature. It also shows the location of the front brake and rear brake levers.

- **Power Button:** Press and hold to turn on/off.
- **Speed Modes:** Toggle between 3 speed modes (10/15/25 KM/H) to suit different riding conditions.
- **Headlight:** Activate the bright LED headlight for improved visibility.
- **Cruise Control:** Activate to maintain a fixed speed without holding the throttle.
- **Braking System:** The scooter is equipped with front and rear dual-disc brakes for effective and responsive stopping power.

6.2. Riding Instructions

1. **Starting:** Place one foot on the deck and push off with the other foot to gain initial momentum. Once moving,

gently press the throttle.

2. **Acceleration:** Gradually press the throttle to increase speed.
3. **Braking:** Gently squeeze the brake levers to slow down or stop. Apply both brakes simultaneously for optimal stopping performance.
4. **Folding:** The iX3 features a 3-step folding mechanism for easy portability and storage. Locate the folding latch on the stem and follow the instructions to collapse the scooter.

6.3. Advanced Features



Figure 6.2: The MiniRobot APP allows users to access various functions including riding records, battery usage, observed speed, cruise control, non-zero start settings, vehicle locking, and headlight switch control.

- **App Control:** The iX3 supports the MiniRobot APP, allowing you to monitor riding records, battery usage, observed speed, control cruise control, set non-zero start, lock the vehicle, and control the headlight switch.
- **Lighting System:** Equipped with bright LED headlights, rear brake lights, colorful sidelights, and four-corner turn signals for enhanced visibility and safety, especially during night riding.
- **Shock Absorption:** Features front sleeve and rear sleeve double shock absorption for a smooth and stable ride over varied terrain.



Figure 6.3: The upgraded lighting system includes a powerful front headlight, four signal lights (front and rear), and a bright brake light for comprehensive visibility.



Figure 6.4: The iX3 is equipped with four shock absorbers, providing front and rear dual suspension for excellent traction, stability, comfort, and strong off-road capability.

7. Charging the Battery

The iX3 is powered by a 48V 10Ah lithium battery. Proper charging ensures battery longevity and optimal performance.



Figure 7.1: The high-energy lithium battery pack (48V 10Ah) provides a range of 30-40KM and requires 6-7 hours for a full charge.

- **Charging Time:** A full charge typically takes 6-7 hours.
- **Charging Indicator:** The charger will have an indicator light (usually red for charging, green for fully charged).
- **Safety:** Always use the original charger provided. Do not charge unattended. Avoid charging in extreme temperatures.

8. Maintenance

Regular maintenance will extend the life of your iScooter iX3.

- **Cleaning:** Wipe the scooter with a damp cloth. Do not use high-pressure water jets or immerse the scooter in water.
- **Tires:** Regularly check tire pressure and inspect for wear or damage. The 10-inch off-road tires are designed for durability.
- **Brakes:** Periodically check the brake pads and cables for wear. Adjust or replace as needed.
- **Battery Care:** Store the scooter with a partially charged battery (50-70%) if not used for extended periods. Recharge every 30-60 days to prevent deep discharge.
- **Fasteners:** Check and tighten all screws and bolts regularly, especially after riding on rough terrain.



Figure 8.1: The 10-inch upgraded off-road tires are designed to conquer various terrains including stone roads, mountain paths, city roads, and snow roads, offering deeper tread patterns for enhanced grip and comfort.



Figure 8.2: The 500W brushless powerful motor enables a top speed of 25 KM/H, can handle slopes of 20-25 degrees, and supports a maximum load of 120 KG.

9. Troubleshooting

If you encounter issues with your iScooter iX3, refer to the following common problems and solutions:

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Scooter does not turn on	Low battery; Loose connections; Faulty power button	Charge the battery; Check all cable connections; Contact support if button is faulty.
Motor not engaging	Throttle issue; Brake engaged; Motor fault	Ensure throttle is pressed correctly; Release brake fully; Contact support.
Reduced range/speed	Under-inflated tires; Overload; Battery degradation	Inflate tires to recommended pressure; Reduce load; Battery replacement may be needed over time.
Brakes feel weak	Worn brake pads; Loose brake cable	Inspect and replace brake pads; Adjust brake cable tension.

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

10. Technical Specifications

Feature	Specification
Model	iX3
Motor Power	500W (max 1000W)
Battery Capacity	48V 10Ah
Charging Time	6-7 hours
Max Range	30-40 km
Max Speed	25 KM/H (3 speed modes: 10/15/25 KM/H)
Climbing Angle	20-25°
Tires	10-inch Pneumatic Off-Road Tires
Brake System	Dual Disc Brakes (Front & Rear)
Suspension	4 Shock Absorbers (Front & Rear Dual Suspension)
Max Load	120 kg
Product Weight	22 kg
Frame Material	Aluminium
Product Dimensions (unfolded)	118L x 60W x 128H cm
Handlebar Height	Adjustable (44.5-52.8 inches)

11. Warranty and Support

For warranty information and customer support, please refer to the warranty card included with your purchase or visit the official iScooter website. Keep your proof of purchase for warranty claims.

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Name

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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.

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