isinwheel X1

isinwheel X1 Electric Scooter

User Manual

Introduction

Welcome to the isinwheel X1 Electric Scooter user manual. This guide provides essential information for the safe operation, maintenance, and troubleshooting of your new electric scooter. The isinwheel X1 is designed for comfortable commuting and outdoor travel, featuring a powerful 1000W peak motor, 10-inch off-road tires, and dual suspension for a smooth ride.



The isinwheel X1 Electric Scooter, ready for use.

Safety Information

Always prioritize safety when operating your electric scooter. Failure to follow safety guidelines can result in serious injury or damage to the product.

- Always wear a helmet and appropriate safety gear (knee pads, elbow pads) when riding.
- Do not ride in heavy rain or through deep puddles. While the scooter has some water resistance, it is not fully waterproof.
- Ensure all screws and components are securely fastened before each ride.
- Adhere to local traffic laws and regulations regarding electric scooter use.
- Maintain a safe speed and be aware of your surroundings, especially pedestrians and other vehicles.
- Avoid riding on slippery surfaces, steep inclines beyond the recommended climbing angle, or uneven terrain that could cause loss of control.

Your browser does not support the video tag.

This video demonstrates the importance of wearing a helmet and proper riding technique for safety.

What's in the Box

Upon unboxing your isinwheel X1 Electric Scooter, please verify that all the following components are included:

- isinwheel X1 Electric Scooter
- User Manual
- Quick Start Guide
- Charger
- Charging Cable
- Inflatable Inner Tube (spare)
- Toolkit
- Car bag



All items included in the isinwheel X1 Electric Scooter package.

Setup

Your isinwheel X1 Electric Scooter comes mostly pre-assembled. Follow these steps for initial setup:

1. **Unfold the Scooter:** The scooter features a one-step folding design for maximum portability. Carefully unfold the stem until it locks into place. Ensure the locking mechanism is secure.
2. **Attach Handlebars:** Securely attach the handlebars to the stem. Ensure all screws are tightened. The handlebar height is adjustable for rider comfort.
3. **Inflate Tires:** The 10-inch off-road tires may arrive partially deflated. Use the provided inflatable inner tube and a pump (not included, but a spare tube is) to inflate the tires to the recommended pressure.
4. **Initial Charge:** Before your first ride, fully charge the scooter's battery. Connect the charger to the charging port and plug it into a power outlet. The charging time is approximately 7 hours.



The scooter's folding mechanism for easy storage and transport.

Operating Instructions

Familiarize yourself with the controls and features of your isinwheel X1 Electric Scooter for an optimal riding experience.

Power On/Off and Speed Modes

Press and hold the Power Button on the Multi-Function LED Dashboard to turn the scooter on or off. The scooter offers three speed modes: ECO, MID, and HIGH. Select the appropriate mode based on your riding environment and desired speed.



The Multi-Function LED Dashboard displays speed, battery level, and allows mode selection.

Motor and Performance

The X1 is equipped with a brushless motor with a peak output of 1000W, allowing for a top speed of 28 mph and a range of up to 24 miles. It can handle climbing angles of up to 30 degrees.



Illustration of the 1000W peak power motor and performance metrics.

Battery

The scooter is powered by a 48V 13Ah high-capacity battery, providing reliable power for extended rides. It includes multiple protection features such as overcharge, overdischarge, overvoltage, overcurrent, short circuit, and temperature protection.



The 48V 13Ah battery with integrated safety protections.

Lighting System

The X1 features an intelligent lighting system. The headlight will automatically illuminate when it is dark or at dawn, thanks to an ambient light sensor. Bright headlights and red brake lights enhance visibility and safety during night riding.



The scooter's intelligent lighting system, including the ambient light sensor, headlight, and brake light.

Braking System

The scooter is equipped with a combination of front drum brakes, rear disc brakes, and an electronic brake, providing strong and responsive stopping power.

Suspension and Tires

For a comfortable ride, the isinwheel X1 features front and rear dual suspension. Combined with 10-inch off-road tires, this system effectively absorbs shocks from uneven surfaces, ensuring a smooth experience on various terrains including stone roads, mountain paths, and city roads.



Detailed view of the front and rear dual suspension system.



The 10-inch off-road tires are designed for various terrains.

Cruise Control

Activate cruise control for a consistent speed during longer rides, reducing rider fatigue.

Maintenance

Regular maintenance ensures the longevity and optimal performance of your isinwheel X1 Electric Scooter.

- **Battery Care:** Charge the battery fully after each use. Avoid completely draining the battery. If storing for an extended period, charge it to about 50-70% and recharge every 30-60 days.
- **Tire Pressure:** Regularly check and maintain the recommended tire pressure for optimal performance and to prevent flat tires.
- **Cleaning:** Use a damp cloth to wipe down the scooter. Avoid using high-pressure water jets or harsh chemicals, which can damage electronic components.
- **Brake Inspection:** Periodically inspect the brake system for wear and tear. Ensure the brakes are responsive

and adjust if necessary.

- **General Check:** Before each ride, quickly check for any loose screws, unusual noises, or visible damage.

Troubleshooting

Here are some common issues and their potential solutions:

Problem	Possible Cause	Solution
Flat Tire	Puncture, low tire pressure	Inspect for punctures. Use the provided spare inner tube for replacement if needed. Ensure proper tire pressure is maintained.
Scooter not turning on/low power	Battery not charged, battery issue	Ensure the battery is fully charged. If issues persist, contact customer support.
Reduced speed/range	Low battery, riding conditions (uphill, heavy load), tire pressure	Charge battery fully. Check tire pressure. Adjust riding style for optimal performance.

If you encounter issues not listed here or if the suggested solutions do not resolve the problem, please contact isinwheel customer support for assistance.

Specifications

Feature	Detail
Brand	isinwheel
Model Name	C1 (X1)
Color	Silver
Motor Peak Power	1000W
Battery Capacity	48V 13Ah
Top Speed	28 mph
Maximum Range	24 Miles
Climbing Angle	30°
Tire Size	10 Inches

Feature	Detail
Tire Type	Off Road Tires
Suspension Type	Dual Suspension (Front & Rear)
Brake Style	Front Drum Brake, Rear Disc Brake + E-brake
Weight Limit	330 Pounds
Item Weight	50 Pounds
Frame Material	Aluminum
Charging Time	7 Hours
Foldable	Yes
Special Features	1000W Peak Power, Front & Rear Dual Suspension, Dual Braking System, 10-inch Offroad Tires, Foldable, Cruise Control, Ambient Light Sensor

Warranty & Support

isinwheel electric scooters come with a warranty that is non-transferable after the product's initial sale. The warranty period is one year or 180 days for different parts (such as the motor and battery).
isinwheel offers a 7-day no-reason return on the condition that there is no human damage and no stains. If shipping damage occurs, please contact customer support immediately.
For product issues, warranty claims, or technical support, please contact isinwheel customer service at support@isinwheel.com. isinwheel is committed to providing quality items and service.

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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

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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.

Submit question