iScooter i12

iScooter Electric Scooter i12 User Manual

Model: i12 | Brand: iScooter

1. Introduction

This user manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your iScooter Electric Scooter i12. Designed for adults, this scooter offers a powerful 500W motor, a range of 18-21 miles, and a top speed of 15.6 mph, making it ideal for urban commuting and leisure rides. It features 12-inch pneumatic tires, dual suspensions, an adjustable seat, and a convenient basket for ample storage.

Please read this manual thoroughly before your first ride to ensure proper assembly, safe operation, and to maximize the lifespan of your scooter.

2. Safety Guidelines

Your safety is paramount. Adhere to the following guidelines to prevent accidents and injuries:

- Always wear a helmet and appropriate safety gear (knee pads, elbow pads) when riding.
- Ensure the scooter is fully charged and all components are securely fastened before each use.
- Do not ride in heavy rain, on slippery surfaces, or in extreme weather conditions.
- Observe all local traffic laws and regulations.
- Maintain a safe distance from other vehicles and pedestrians.
- Avoid sudden braking or sharp turns at high speeds.
- Do not carry passengers or heavy loads that exceed the maximum weight capacity of 264 pounds.
- The iScooter Electric Scooter i12 is UL2272 certified for safety and quality.

3. Components Overview

Familiarize yourself with the main components of your iScooter Electric Scooter i12:

- **Handlebar:** Features controls for acceleration, braking, and display.
- **LED Display:** Shows battery level and speed.
- **Headlight & Taillight:** For improved visibility during rides.
- **Front & Rear Disc Brakes:** Provide reliable stopping power.
- **12-inch Pneumatic Tires:** Offer a smooth ride and good traction.
- **Dual Suspensions:** Front and rear shock absorbers for enhanced comfort.
- **500W Motor:** Provides powerful performance.
- **Adjustable Seat:** Accommodates riders of various heights.
- **Removable Basket:** For convenient storage and transport of items.
- **Wide Deck:** Provides comfortable foot placement.



Figure 3.1: The iScooter Electric Scooter i12, featuring its integrated seat and rear basket.



Figure 3.2: Overview of key features including range, speed, motor power, tire size, and suspension system.



Figure 3.3: Front and rear lighting for visibility, and dual front and rear suspensions for a comfortable ride.

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4. Setup

Follow these steps for the initial assembly of your iScooter Electric Scooter i12. It is recommended to watch the installation video for visual guidance.

4.1 Unboxing and Component Identification

Carefully remove all components from the packaging. Verify that all parts listed in the packing list are present and undamaged.



Figure 4.1: Unboxing the iScooter Electric Scooter i12 and identifying all included parts.

4.2 Front Wheel Assembly

1. Attach the front fender to the front fork using the provided screws.
2. Align the front wheel with the fork, ensuring the brake disc is correctly positioned within the caliper.
3. Insert the quick-release skewer through the wheel hub and secure it.

4.3 Handlebar and Seat Installation

1. Insert the handlebar stem into the main frame and secure it with the quick-release clamp. Adjust the height as desired.
2. Attach the seat post to the rear frame, ensuring it is firmly clamped. Adjust seat height for comfort.



Figure 4.2: Close-up of the handlebar controls, including the headlight switch and LED display for battery and speed.

4.4 Basket Attachment

1. Mount the rear basket onto the designated rack at the back of the scooter using the provided hardware.
2. Ensure the basket is securely fastened and does not interfere with the seat or rear wheel.



Figure 4.3: The wide deck provides ample foot space, and the rear basket offers convenient storage.

4.5 Installation Video Guide

For a detailed visual walkthrough of the assembly process, please refer to the official installation video:

Your browser does not support the video tag.

Video 4.1: This video provides a step-by-step guide for the initial assembly of your iScooter Electric Scooter, including attaching the front wheel, handlebar, seat, and basket. (Source: iScooter Center)

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5. Operating Instructions

Learn how to safely operate your iScooter Electric Scooter i12.

5.1 Power On/Off

- Insert the key into the ignition slot on the handlebar.
- Turn the key to the 'ON' position to power on the scooter. The LED display will illuminate.
- To power off, turn the key to the 'OFF' position and remove it.

5.2 Riding the Scooter

- Place both feet firmly on the wide deck.
- Gently twist the throttle on the right handlebar to accelerate.
- Maintain balance and steer by gently turning the handlebar.
- The scooter features 12-inch pneumatic tires and dual suspensions for a smooth ride over various terrains.



Figure 5.1: The iScooter Electric Scooter i12 is designed to meet the needs of diverse users for commuting and leisure.

5.3 Braking

- To slow down or stop, gently squeeze the brake levers on the handlebar. The scooter is equipped with dual disc brakes for effective stopping.

- The electronic brake system provides additional stopping power.
- For emergency stops, apply both brake levers firmly and evenly.



Figure 5.2: Illustration of the electronic brake and the front and rear disc brakes for comprehensive stopping power.

5.4 Official Product Video

Observe the iScooter Electric Scooter i12 in action, showcasing its features and performance in various settings:

Your browser does not support the video tag.

Video 5.1: This video demonstrates the iScooter Electric Scooter with seat, highlighting its features such as the rear carry basket, adjustable handlebar, comfortable seat, wide deck, dual shock absorbers, pneumatic tires, powerful motor, and safety lights. (Source: iScooter Shop)

6. Maintenance

Regular maintenance ensures the longevity and optimal performance of your scooter.

6.1 Battery Charging

- Connect the charger to the charging port located on the scooter's deck.
- Plug the charger into a standard wall outlet.
- The charging indicator on the charger will change color (e.g., red to green) when fully charged.
- A full charge typically takes approximately 6 hours. Avoid overcharging.



Figure 6.1: Location of the charging port on the iScooter Electric Scooter i12.

6.2 Tire Pressure

- Regularly check the tire pressure of the 12-inch pneumatic tires.
- Maintain recommended tire pressure (refer to tire sidewall for specific PSI) for optimal performance and safety.

6.3 Cleaning and Storage

- Clean the scooter with a damp cloth. Do not use high-pressure water or corrosive cleaners.
- Store the scooter in a dry, cool place away from direct sunlight and extreme temperatures.
- The scooter features a one-step folding mechanism for convenient transport and storage, allowing it to fit easily into a car trunk.



Figure 6.2: The iScooter Electric Scooter i12 can be easily folded for transport and storage, such as in a car trunk.

7. Troubleshooting

Refer to this table for common issues and their potential solutions.

Issue	Possible Cause	Solution
Scooter does not power on	Low battery; Key not fully inserted or turned; Power switch off.	Charge the battery; Ensure key is fully inserted and turned to 'ON'; Check power switch.
Reduced range or power	Under-inflated tires; Battery degradation; Riding uphill frequently; Heavy load.	Check and inflate tires to recommended PSI; Ensure full charge before each ride; Reduce load if possible.
Brakes not effective	Brake pads worn; Brake cable loose; Disc brake misalignment.	Inspect brake pads and replace if worn; Adjust brake cable tension; Consult professional for disc brake alignment.
Unusual noises during operation	Loose components; Debris in wheels/motor; Worn bearings.	Check all screws and connections; Inspect wheels and motor for obstructions; If noise persists, seek professional inspection.

8. Specifications

Detailed technical specifications for the iScooter Electric Scooter i12:

Specification	Value
Brand	iScooter
Model Name	i12
Motor Power	500W
Max Speed	15.6 Mph
Max Distance Range	18-21 Miles
Battery	36V/7.5AH
Charging Time	6 Hours
Wheel Size	12 Inches
Wheel Type	Pneumatic
Suspension Type	Dual Suspension

Specification	Value
Brake Style	Front Braking, Rear Braking (Dual Disc Brake System)
Weight Limit	264 Pounds
Item Weight	64 Pounds
Product Dimensions (LxWxH)	45.6"L x 9"W x 22.8"H
Frame Material	Aluminum or Steel
Age Range (Description)	14+
UL Certification	UL2272 Certified

9. Warranty and Support

iScooter stands by the quality of its products. Your iScooter Electric Scooter i12 comes with a comprehensive warranty:

- **Warranty Coverage:** We offer a 12-month or 180-day warranty on different parts, ensuring your peace of mind.
- **Customer Support:** A dedicated customer support team is available to assist with any questions, concerns, or technical issues you may encounter. Please refer to your product packaging or the official iScooter website for specific contact details.

Your satisfaction is our priority. Elevate your lifestyle with iScooter's Foldable Electric Scooter today!

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