

## HopCycle HO1

# HopCycle HO1 Electric Scooter User Manual

Model: HO1

## INTRODUCTION

This manual provides essential instructions for the safe operation, assembly, maintenance, and troubleshooting of your HopCycle HO1 Electric Scooter. Please read this manual thoroughly before using the scooter to ensure proper function and safety.

The HopCycle HO1 Electric Scooter is designed for personal transportation, offering a balance of speed, range, and safety. It features a 500W peak motor, a top speed of 18 MPH, and a range of up to 21 miles on a single charge. The scooter is equipped with 8.5-inch pneumatic tires, a dual braking system, and IPX4 waterproof protection.

## IMPORTANT SAFETY INFORMATION

**WARNING: Always wear a helmet and appropriate safety gear when riding the electric scooter. Follow all local traffic laws and regulations.**

- Do not ride in heavy rain or through standing water deeper than 1 inch.
- Ensure all bolts and quick releases are securely fastened before each ride.
- Maintain a safe speed and distance from other vehicles and pedestrians.
- Avoid sudden turns or maneuvers at high speeds.
- The scooter is certified to UL2272 standards for electrical safety.
- Maximum weight capacity is 265 lbs (120 kg).
- Do not allow children under 16 to operate the scooter without adult supervision.
- Familiarize yourself with the braking system before riding.

## PACKAGE CONTENTS

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Verify that all items are present in the package:

- HopCycle HO1 Electric Scooter
- Power Adapter/Charger
- User Manual
- Assembly Tools (if required)

## SETUP AND INITIAL USE

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### Unfolding the Scooter

The HopCycle HO1 Electric Scooter is designed for quick folding and unfolding. To unfold:

1. Place the scooter on a flat surface.
2. Release the folding latch 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. Tighten any visible clamps or screws on the handlebar stem to secure it.

The scooter folds in approximately 3 seconds for portability.

### Charging the Battery

Before first use, fully charge the scooter's battery. The battery charge time is approximately 5 hours.

1. Locate the charging port, typically on the side of the deck.
2. Connect the charger to the charging port, then plug the charger into a standard wall outlet.
3. The indicator light on the charger will change (e.g., red to green) when charging is complete.
4. Disconnect the charger once fully charged.



Image: Diagram illustrating the 4-hour fast charging and 25-mile max range of the HopCycle HO1 Electric Scooter, with a visual of the battery pack.

## OPERATING INSTRUCTIONS

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### Power On/Off and Display

To power on the scooter, press and hold the power button on the LCD display. To power off, press and hold the power button again.



Image: Close-up of the HopCycle HO1 Electric Scooter's real-time LCD display, showing speed (km/h, mph), riding modes (ECO, D, S), battery

level, headlight indicator, cruise control, and error warnings.

The LCD display provides real-time information:

- **Speed:** Current speed in MPH or km/h.
- **Riding Mode:** ECO (Economy), D (Drive), S (Sport) modes.
- **Battery Level:** Indicates remaining battery charge.
- **Headlight Indicator:** Shows if the headlight is active.
- **Cruise Control:** Indicates when cruise control is engaged.
- **Error Warnings:** Alerts for issues like motor overheating.

## Riding Modes

The scooter offers multiple riding modes to suit different conditions and preferences:

- **ECO Mode:** Energy-saving mode for extended range and lower speed (e.g., 6 MPH).
- **Drive Mode (D):** Standard mode for balanced speed and range (e.g., 12 MPH).
- **Sport Mode (S):** Maximum performance mode for higher speeds (up to 18 MPH).

Switch between modes by pressing the power button briefly while the scooter is on.

## Braking System

The HopCycle HO1 features a dual braking system for effective stopping power:

- **Electronic Brake:** Activated by the brake lever, provides regenerative braking.
- **Disc Brake:** Mechanical brake for additional stopping force, also activated by the brake lever.

Always apply brakes smoothly to avoid skidding. Test brakes before each ride.

## Cruise Control

To activate cruise control, maintain a consistent speed for a few seconds. The scooter will beep, and the cruise control icon will appear on the display. To deactivate, press the brake lever or accelerate.

## Headlights and Taillights

The scooter is equipped with bright LED headlights and rear warning lights for visibility. Turn them on/off via the dedicated button or through the display interface, as per model specifics.



Image: The HopCycle HO1 Electric Scooter highlighting key features such as 8-inch air-filled tires, LCD display, automatic cruise control, 280 lbs max load capacity, and smart charge with auto power-off.

## MAINTENANCE

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### Tire Care

The scooter uses 8.5-inch pneumatic tires. Regularly check tire pressure and inflate to the recommended PSI (refer to tire sidewall for specific pressure). Inspect tires for wear, punctures, or damage before each ride.

### Cleaning

Clean the scooter with a damp cloth. Do not use high-pressure water jets or immerse the scooter in water. Ensure the charging port cover is securely closed during cleaning.

## Battery Care and Storage

To prolong battery life:

- Avoid fully discharging the battery frequently.
- Charge the battery at least once every 30 days if not in use.
- Store the scooter in a cool, dry place, away from direct sunlight and extreme temperatures.

## General Inspection

Periodically check all screws, bolts, and connections for tightness. Ensure the braking system is functioning correctly and cables are not frayed or damaged.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Scooter does not power on.	Low battery; loose connection.	Charge the battery; check all cable connections.
Reduced range or speed.	Low tire pressure; heavy load; riding uphill; cold weather.	Inflate tires to correct pressure; reduce load; consider terrain and temperature.
Brakes feel weak.	Brake pads worn; cable loose.	Adjust brake cable tension; inspect and replace brake pads if necessary.
Unusual noises during operation.	Loose components; foreign object.	Inspect scooter for loose parts; remove any debris from wheels or motor area.

If you encounter issues not listed here or require further assistance, please contact HopCycle customer support.

## SPECIFICATIONS

Feature	Detail
Model	HO1
Motor Power	500W Peak (350W Rated)
Top Speed	Up to 18 MPH (29 km/h)
Max Range	Up to 21 Miles (34 km)
Battery	42V 7.8Ah
Charge Time	Approximately 5 Hours

Feature	Detail
Wheel Size	8.5 Inches Pneumatic Tires
Braking System	Dual (Electronic & Disc Brake)
Max Load	265 lbs (120 kg)
Frame Material	Aluminum
Water Resistance	IPX4 (Splash-proof)
Safety Certification	UL2272
UPC	705736383303

## WARRANTY AND CUSTOMER SUPPORT

The HopCycle HO1 Electric Scooter comes with a **180-day limited warranty** from the date of purchase. This warranty covers manufacturing defects under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or normal wear and tear.

For warranty claims, technical support, or any questions regarding your scooter, please contact HopCycle customer service. Our team is available 24/7 to assist you.

### Contact Information:

- **Website:** [Visit the HopCycle Store on Amazon](#)
- **Email:** Refer to your purchase documentation for direct email support.
- **Phone:** Refer to your purchase documentation for direct phone support.

Please have your model number (HO1) and proof of purchase ready when contacting support.

## PRODUCT VIDEOS

### Fast Charging Electric Scooter for Daily City Commute

Your browser does not support the video tag.

Video: An official HopCycle video demonstrating the fast charging capabilities and suitability of the electric scooter for daily city commutes. This video highlights the scooter's efficiency and convenience for urban travel.