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Hover-1 Journey Max

Hover-1 Journey Max Electric Scooter User Manual

Brand: Hover-1 | Model: Journey Max (H1-JNY-DM-BLK)

1. INTRODUCTION

This manual provides essential information for the safe operation, maintenance, and troubleshooting of your Hover-1 Journey Max Electric Scooter. Please read this manual thoroughly before your first ride to ensure proper use and to maximize the lifespan of your scooter. Adherence to these instructions is crucial for your safety and the performance of the device.

The Hover-1 Journey Max is designed for adult riders aged 14 and older, with a maximum weight capacity of 264 lbs (120 kg). It features a powerful 700W dual motor system, capable of reaching speeds up to 19 mph and offering a range of up to 26 miles on a single charge.

2. PRODUCT OVERVIEW AND KEY FEATURES

The Hover-1 Journey Max is an advanced electric scooter engineered for performance and convenience. Below are its primary features:

- **Powerful Dual Motor:** Equipped with 700W (dual 350W motors) for strong acceleration and hill-climbing capability up to 25 degrees.
- **High Speed & Range:** Achieves a maximum speed of 19 mph and offers a range of up to 26 miles on a full charge.
- **Upgraded Steering Column:** Features a widened steering column for improved handling and stability, along with a reinforced 2-part folding mechanism and safety latch.
- **Digital LED Display:** Provides real-time information including speedometer, battery indicator, high-speed mode, cruise control, and headlight activation.
- **Long-Lasting Battery:** A 36V/13Ah lithium-ion battery provides efficient power and fully charges in approximately 5 hours.
- **Portable Folding Design:** Easily folds for convenient storage and transport.
- **8.5-inch Air-Filled Tires:** Provides excellent shock absorption for a smoother ride over varied terrain.
- **Rear Disc Brake:** Ensures reliable and quick stopping power.
- **UL2272 Certified:** Tested and certified for electrical safety standards.



Figure 2.1: The Hover-1 Journey Max Electric Scooter in its unfolded state.



900W

MAX POWER



264 lbs

MAX WEIGHT



19 mph

MAX SPEED



26 miles

MAX DISTANCE



8.5 inch

AIR-FILLED TIRES



Figure 2.2: Key specifications of the Hover-1 Journey Max, including 900W max power, 264 lbs max weight, 19 mph max speed, 26 miles max distance, and 8.5-inch air-filled tires.



Figure 2.3: Visual representation of the scooter's features, highlighting the dual motor drive, high performance rear disc brakes, and 3 speed modes.



Figure 2.4: The scooter's dimensions when unfolded (3.6 ft) and folded (1.25 ft height, 3.5 ft length), demonstrating its compact portability.

3. SETUP AND INITIAL PREPARATION

Before your first ride, ensure the scooter is properly set up and charged.

3.1 Unboxing and Assembly

1. Carefully remove the scooter and all components from the packaging.
2. Unfold the scooter by releasing the folding mechanism. Ensure the steering column clicks securely into place. Verify the safety latch is engaged to reinforce column stability.
3. Attach the handlebars if they are not pre-installed. Ensure all screws are tightened securely.
4. Inspect the tires for proper inflation. The 8.5-inch air-filled tires may require initial inflation to the recommended pressure for optimal performance and ride comfort.

3.2 Initial Charging

1. Locate the charging port on the scooter.
2. Connect the wall charger to the scooter's charging port, then plug the charger into a standard electrical outlet.
3. The battery indicator on the digital display will show charging progress. A full charge typically takes 5 hours.
4. Disconnect the charger once the battery is fully charged to prevent overcharging.

4. OPERATING INSTRUCTIONS

Familiarize yourself with the controls and riding techniques before operating the scooter in public areas.

4.1 Controls and Display



Figure 4.1: Overview of the handlebar controls and digital display.

- **Power Button:** Located on the right handlebar. Press and hold to turn on/off.
- **Thumb Throttle:** Located on the right handlebar. Press down to accelerate.
- **Brake Lever:** Located on the left handlebar. Squeeze to engage the rear disc brake.

- **Bell:** Located on the left handlebar. Use to alert pedestrians and other riders.
- **Digital Display:** Shows current speed, battery level, speed mode (E for Eco, S for Sport), headlight status, and cruise control indicator.

4.2 Riding the Scooter

1. **Power On:** Press and hold the power button until the display illuminates.
2. **Select Speed Mode:** Briefly press the power button to toggle between Eco (E) and Sport (S) modes. Eco mode conserves battery, while Sport mode provides maximum power and speed.
3. **Start Riding:** Place one foot firmly on the deck and push off with the other foot to gain initial momentum. Once moving, gently press the thumb throttle to accelerate.
4. **Braking:** Release the throttle and gently squeeze the brake lever to slow down or stop. Apply brakes smoothly to avoid sudden stops.
5. **Turning:** Lean into turns and gently steer the handlebars in the desired direction.
6. **Folding:** To fold the scooter for storage or transport, disengage the safety latch and folding mechanism, then carefully fold the steering column down until it locks into place.



Figure 4.2: The Hover-1 Journey Max is capable of effortlessly conquering hills with inclines up to 25 degrees due to its dual motor drive.

5. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your Hover-1 Journey Max.

5.1 Battery Care

- Charge the battery fully after each use, especially if storing for an extended period.
- Avoid completely draining the battery, as this can reduce its lifespan.
- Store the scooter in a cool, dry place away from direct sunlight and extreme temperatures.
- If storing for more than 30 days, charge the battery to approximately 50-70% every 30 days.

5.2 Tire Maintenance

- Regularly check tire pressure. Under-inflated tires can affect performance, range, and increase the risk of punctures.
- Inspect tires for wear, cuts, or embedded debris. Replace worn or damaged tires promptly.
- Consider carrying a portable air pump for on-the-go adjustments.

5.3 General Cleaning and Inspection

- Clean the scooter with a damp cloth. Do not use high-pressure water or immerse any part of the scooter in water.
- Regularly check all bolts and fasteners for tightness.
- Inspect the brake system for proper function and adjust if necessary.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your Hover-1 Journey Max.

Problem	Possible Cause	Solution
Scooter does not turn on.	Low or depleted battery; loose connections.	Charge the battery fully. Check all visible cable connections.
Reduced speed or range.	Low tire pressure; heavy load; riding uphill frequently; cold weather; battery degradation.	Inflate tires to recommended pressure. Reduce load. Ride in Eco mode. Ensure battery is fully charged.
Throttle unresponsive or error code displayed.	Throttle malfunction; internal system error.	Turn the scooter off and on again. If the issue persists, contact customer support.
Brakes feel too harsh or ineffective.	Improper brake adjustment; worn brake pads.	Adjust the brake lever tension. Inspect brake pads for wear and replace if necessary. Apply brakes smoothly.
Tire punctures or frequent flats.	Riding over sharp objects; under-inflation.	Inspect riding path for debris. Maintain proper tire pressure. Replace inner tube or tire as needed. Consider professional repair.

For issues not listed here or if solutions do not resolve the problem, please refer to the warranty and support section.

7. SPECIFICATIONS

Detailed technical specifications for the Hover-1 Journey Max Electric Scooter:

- **Brand:** Hover-1
- **Model Name:** Journey Max
- **Part Number:** H1-JNY-DM-BLK
- **Color:** Black
- **Motor Power:** 700W (Dual 350W Motors)
- **Max Speed:** Up to 19 mph (30.5 km/h)
- **Max Distance Range:** Up to 26 miles (41.8 km)
- **Battery:** 36V/13Ah Lithium-ion
- **Charging Time:** Approximately 5 hours
- **Weight Limit:** 264 Pounds (120 kg)
- **Item Weight:** 31 Pounds (14.06 kg)
- **Wheel Size:** 8.5 Inches
- **Wheel Type:** Pneumatic (Air-filled)
- **Frame Material:** Alloy Steel
- **Brake Style:** Rear Disc Brake
- **Special Features:** Digital Display, Dual Braking System, Foldable, Rechargeable
- **Age Range (Description):** Adult (14+ years)
- **Certifications:** UL2272 Certified
- **UPC:** 888255312891

8. WARRANTY AND SUPPORT

Your Hover-1 Journey Max Electric Scooter comes with a limited warranty.

8.1 Warranty Information

The Hover-1 Journey Max is backed by a **6-month parts and labor warranty**. This warranty covers manufacturing defects and issues arising from normal use within the specified period. Please retain your proof of purchase for warranty claims.

8.2 Customer Support

For technical assistance, warranty claims, or inquiries regarding replacement parts, please contact Hover-1 customer support. Refer to the contact information provided in your product packaging or visit the official Hover-1 website for the most current support channels.

When contacting support, please have your scooter's model number (H1-JNY-DM-BLK) and proof of purchase readily available to expedite the process.

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