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> Hover-1 Alpha Electric Scooter User Manual

Hover-1 H1-ALPHA

Hover-1 Alpha Electric Scooter User Manual

Model: H1-ALPHA

1. INTRODUCTION

Welcome to the Hover-1 Alpha Electric Scooter user manual. This guide provides essential information for the safe operation, maintenance, and troubleshooting of your new electric scooter. Please read this manual thoroughly before your first ride to ensure optimal performance and safety.

The Hover-1 Alpha is a foldable electric scooter designed for personal transportation, featuring a powerful 450W brushless motor, 10-inch air-filled tires, and a range of up to 12 miles. Its robust design and advanced features offer a comfortable and efficient riding experience.





Figure 1: Hover-1 Alpha Electric Scooter.

2. SAFETY GUIDELINES

Your safety is paramount. Always wear a helmet and appropriate safety gear when operating the scooter. Adhere to local traffic laws and regulations. Do not ride under the influence of alcohol or drugs. Avoid riding in adverse weather conditions or on slippery surfaces.

The Hover-1 Alpha is UL2272 certified, indicating it has been tested for electrical safety. However, proper handling and adherence to safety guidelines are crucial to prevent accidents and ensure longevity of the product.

3. PRODUCT FEATURES

- **Powerful Motor:** Equipped with a 450W brushless motor, capable of reaching speeds up to 18 mph and climbing inclines of up to 15 degrees.
- **Comfortable Ride:** Features 10-inch air-filled tires for a smooth and stable riding experience.
- **Intuitive LED Display:** A bright LED display shows current speed, selected speed mode, and battery level, visible even in direct sunlight.
- **Cruise Control:** Maintain a constant speed without continuous throttle pressure. Activate by quickly pressing the throttle twice.
- **Integrated Bluetooth Speaker:** Enjoy your favorite music while riding.
- **Wide Deck:** An extra-wide deck enhances rider comfort and stability.
- **Enhanced Visibility:** Bright LED headlight and taillight for night riding, complemented by integrated LED deck lighting for added style and visibility.
- **Portable Design:** One-step folding system allows for easy transport and storage, fitting into most car trunks.




450W
MAX MOTOR POWER


264 lbs
MAX WEIGHT


18 mph
MAX SPEED


12 miles
MAX DISTANCE


10 inch
AIR-FILLED TIRES

HOVER-1
ALPHA SPECS

Figure 2: Key specifications of the Hover-1 Alpha.



Figure 3: Highlighted features of the scooter.

4. SETUP AND INITIAL USE

4.1 Unboxing and Assembly

The Hover-1 Alpha comes largely pre-assembled. Carefully remove all packaging materials. The main assembly involves attaching the handlebars to the stem.

1. Gently pull the handlebar stem upwards until it locks into place.
2. Connect the handlebar unit to the stem, ensuring all cables are properly aligned and not pinched.
3. Secure the handlebar using the provided screws and Allen wrench.

For a visual guide on assembly, please refer to the official seller video below:

Your browser does not support the video tag.

Video 1: Assembly and overview of the Hover-1 Alpha Electric Kick Scooter.

4.2 Initial Charging

Before your first ride, fully charge the scooter. The charging time is approximately 6.5 hours.

1. Locate the charging port on the scooter.
2. Connect the charger to the scooter and then to a power outlet.
3. The charging indicator light will change to indicate charging status (refer to charger for specific light indications).
4. Once fully charged, disconnect the charger.



Figure 4: Important battery maintenance guidelines.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off and Display

To power on the scooter, press and hold the power button on the handlebar display. The LED display will illuminate, showing speed, battery level, and current mode. To power off, press and hold the power button again.



Figure 5: Overview of the scooter's controls and digital display.

5.2 Riding the Scooter

- 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 engage the motor.
- To slow down or stop, release the throttle and use the disc brake lever on the handlebar.
- Adjust speed modes by briefly pressing the power button while the scooter is on.

5.3 Sleep Mode Deactivation

If your unit is not powering on and the light indicator on the charger is solid green when you attempt to charge it, follow these steps to deactivate sleep mode:

1. Plug the charger into the unit and the wall.
2. Leave plugged in, pick up the motorized wheel and spin the wheel manually until the charger light indicator starts to flash red.
3. Continue spinning the wheel until the charger light indicator is solid red, then stop spinning.

4. Charge unit until specified amount of time per the manual.
5. Turn on the unit.

HOVER-1™

SLEEP MODE DEACTIVATION

If your unit is not powering on and the light indicator on the charger is solid green when you attempt to charge it, please follow the below instructions to deactivate sleep mode.

- 1.** Plug the charger into the unit and the wall.
- 2.** Leave plugged in, pick up the motorized wheel and spin the wheel manually until the charger light indicator starts to flash red.
- 3.** Continue spinning the wheel until the charger light indicator is solid red, then stop spinning.
- 4.** Charge the unit specified amount of time per the manual.
- 5.** Turn on the unit.

Figure 6: Step-by-step guide for sleep mode deactivation.

6. MAINTENANCE

6.1 Battery Care

- Do not leave batteries unused for extended periods. Lithium-ion batteries self-discharge when not in use.

- Store batteries in a cool, dry place away from direct sunlight.
- Keep the battery at 60% to 80% capacity before storing the product or battery.
- Charge the battery to approximately 70% at least once every six months.
- If the product has a user-removable battery, remove it and store it separately.
- Recommended storage temperature: 41°F to 77°F (5°C to 25°C).
- Do not leave the battery on charge for extended periods after it's done charging.
- Dropping batteries can damage circuitry and cause malfunction. Inspect carefully before use.

6.2 General Cleaning and Storage

- Regularly wipe down the scooter with a damp cloth. Avoid using harsh chemicals or abrasive cleaners.
- Ensure all bolts and connections are secure before each ride.
- Store the scooter in a dry, cool place, away from direct sunlight and extreme temperatures.
- The one-step folding system allows for compact storage.



Figure 7: Scooter dimensions when unfolded and folded for storage.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Scooter does not power on.	Low battery; Sleep mode active.	Charge the battery fully. Follow "Sleep Mode Deactivation" steps if necessary.
Reduced speed or range.	Low tire pressure; Overload; Battery degradation.	Check and inflate tires to recommended pressure. Ensure rider weight is within limits. Consider battery replacement if old.
Unusual noises during operation.	Loose components; Debris in wheels/brakes.	Inspect all parts for looseness and tighten as needed. Clean wheels and brake area.
Brakes not effective.	Worn brake pads; Loose brake cable.	Inspect brake pads and replace if worn. Adjust brake cable tension.

If you encounter issues not listed here or if solutions do not resolve the problem, please contact Hover-1 customer support.

8. SPECIFICATIONS

Feature	Detail
Brand	Hover-1
Model Name	H1-ALPHA
Motor Power	450W Brushless Motor
Max Speed	18 mph
Max Range	12 Miles
Max Weight Limit	264 Pounds
Tire Type	10-inch Air-Filled Tires
Brake Style	Disc Brake
Charging Time	6.5 Hours
Frame Material	Aluminum
Product Dimensions (LxWxH)	44.7" x 16.7" x 45.4"
Item Weight	34.4 Pounds
Certifications	UL2272 Certified

9. WARRANTY AND SUPPORT

The Hover-1 Alpha Electric Scooter comes with a 90-day warranty. For warranty claims, technical support, or any inquiries, please contact Hover-1 customer service directly.

You can find additional support and resources on the official Hover-1 website:www.hover-1.com.

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