

Hover-1 H1-100

Hover-1 H1-100 Electric Hoverboard User Manual

Model: H1-100

1. IMPORTANT SAFETY INFORMATION

Before operating your Hover-1 H1-100 Electric Hoverboard, please read this manual thoroughly. Failure to follow instructions can result in serious injury or property damage. Always wear appropriate safety gear, including a helmet, knee pads, and elbow pads.

- Always wear a helmet and other protective gear.
- Do not ride under the influence of drugs or alcohol.
- Do not ride on uneven surfaces, steep inclines, or near traffic.
- Maintain a safe distance from others and obstacles.
- The maximum weight capacity is 220 pounds (100 kg).
- The hoverboard is rated IPX4 for water resistance, meaning it is resistant to splashing water from any direction. Do not submerge the device in water.
- Children should be supervised by an adult while riding.

2. PRODUCT OVERVIEW

The Hover-1 H1-100 is a self-balancing electric hoverboard designed for personal transportation. It features Infinity LED wheel lights, an integrated Bluetooth speaker, and a durable construction.



Image: The Hover-1 H1-100 Electric Hoverboard, showcasing its sleek design and LED lights.



Image: Illustration of the Hover-1 H1-100's self-balancing technology, which levels the board for easy mounting.

3. SETUP

3.1 Unpacking and Initial Inspection

Carefully remove the hoverboard and all accessories from the packaging. Inspect the device for any signs of damage. Ensure all components listed in the package contents are present.

3.2 Charging the Battery

1. Locate the charging port on the hoverboard.
2. Connect the charger to the hoverboard's charging port.
3. Plug the charger into a standard electrical outlet.
4. The indicator light on the charger will typically turn red during charging and green when fully charged.
5. A full charge takes approximately 5 to 6 hours. Do not overcharge the battery.

The hoverboard is equipped with a UL2272 certified 36V, 2.0Ah Lithium-ion battery with overcharge and discharge protection.

4. OPERATING INSTRUCTIONS

4.1 Powering On/Off

- To turn on: Press and hold the power button until the indicator lights illuminate.
- To turn off: Press and hold the power button until the indicator lights turn off.

4.2 Riding the Hoverboard

The Hover-1 H1-100 features self-balancing technology to assist new riders. Step onto the board one foot at a time, ensuring the board remains level. Lean gently in the desired direction to move. To stop, slowly shift your weight back to a neutral position.

- **Maximum Speed:** Up to 7 mph (11 km/h).
- **Maximum Incline:** Capable of climbing inclines up to 10 degrees.
- **Range:** Up to 6 miles on a single charge, depending on terrain and rider weight.



Image: Diagram illustrating the 400W brushless motor and the hoverboard's ability to climb inclines up to 10 degrees.

HOVER-1 i-100 HOVERBOARD

 14 Cell Li-Ion Battery																						
 400W Brushless Motor	<table><thead><tr><th>Batteries</th><th>Li-Ion</th><th>Motors</th><th>Brushless</th></tr></thead><tbody><tr><td>Life Span</td><td>up to 5000 cycles</td><td>Life Span</td><td>Long</td></tr><tr><td>Maintenance</td><td>None</td><td>Maintenance</td><td>None</td></tr><tr><td>Weight</td><td>15-40 lbs</td><td>Efficiency</td><td>High</td></tr><tr><td>Charge Time</td><td>4.5-6.5 hrs</td><td></td><td></td></tr></tbody></table>	Batteries	Li-Ion	Motors	Brushless	Life Span	up to 5000 cycles	Life Span	Long	Maintenance	None	Maintenance	None	Weight	15-40 lbs	Efficiency	High	Charge Time	4.5-6.5 hrs			
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Image: Visual representation of the hoverboard's maximum speed of 7 mph and its range capabilities.

4.3 Bluetooth Speaker

The hoverboard includes an integrated Bluetooth speaker. To connect:

1. Ensure the hoverboard is powered on.
2. Enable Bluetooth on your mobile device.
3. Search for "Hover-1" or a similar device name in your device's Bluetooth settings.
4. Pair your device. Once connected, you can play audio through the hoverboard's speaker.



Image: Depiction of the hoverboard's Bluetooth speaker functionality, allowing music playback from a connected phone.

4.4 LED Lights

The Hover-1 H1-100 features front fender, top, and wheel LED lights. These lights enhance visibility and add to the aesthetic appeal of the hoverboard. They activate automatically when the hoverboard is powered on.



Image: The Hover-1 H1-100 showcasing its illuminated front fender, top, and wheel LED lights.

4.5 Skill Modes and GPS Tracking (via App)

The Hover-1 H1-100 can be connected to a companion app (if available) to access additional features:

- **3 Skill Modes:** Select between beginner, intermediate, and expert modes to suit your riding proficiency.
- **Customizable LED Lighting:** Choose any color for your ride through the app.
- **GPS Tracking:** Track your ride distance and map your routes.

HOVER-1 i-100 HOVERBOARD

 <p>14 Cell Li-Ion Battery</p>	 <p>Li-Ion</p>	 <p>Motors</p>	<p>Brushless</p>
 <p>400W Brushless Motor</p>	<p>Batteries</p> <p>Life Span up to 5000 cycles</p> <p>Maintenance None</p> <p>Weight 15-40 lbs</p> <p>Charge Time 4.5-6.5 hrs</p>	<p>Motors</p> <p>Life Span Long</p> <p>Maintenance None</p> <p>Efficiency High</p>	<p>Brushless</p> <p>Life Span Long</p> <p>Maintenance None</p> <p>Efficiency High</p>

Image: A smartphone screen displaying the Hover-1 app interface, highlighting skill modes, LED customization, and GPS tracking.

5. MAINTENANCE

5.1 Cleaning

Wipe the hoverboard with a damp cloth to remove dirt and dust. Do not use harsh chemicals or abrasive cleaners. Ensure the charging port is free of debris.

5.2 Storage

Store the hoverboard in a cool, dry place away from direct sunlight and extreme temperatures. If storing for an extended period, charge the battery to approximately 50% every few months to maintain battery health.

5.3 Battery Care

The Lithium-ion battery is designed for durability. Avoid fully depleting the battery frequently. Always use the provided charger. If the battery shows signs of damage or malfunction, contact customer support immediately.

6. TROUBLESHOOTING

If you encounter issues with your Hover-1 H1-100, refer to the following common problems and solutions:

- **Hoverboard not turning on:** Ensure the battery is charged. Check the power button for proper function.
- **Lights not working:** Check if the hoverboard is powered on. If using the app, ensure LED settings are enabled.
- **Difficulty balancing:** Ensure you are on a flat surface. Practice stepping on and off carefully.
- **Bluetooth not connecting:** Ensure the hoverboard is on and your device's Bluetooth is enabled and searching. Try restarting both devices.

For persistent issues or technical support, please contact Hover-1 customer service.

7. SPECIFICATIONS

Feature	Specification
Model Name	H1-100
Max Speed	7 mph (11 km/h)
Max Weight Capacity	220 lbs (100 kg)
Max Distance	Up to 6 miles (9.6 km)
Motor Power	2 x 200W Brushless Motors (400W total)
Battery Type	36V, 2.0Ah Lithium-ion (UL2272 Certified)
Charge Time	5-6 hours
Wheel Size	6.5 inches
Water Resistance	IPX4
Dimensions (L x W x H)	63.1 x 23.5 x 23 cm
Product Weight	17.2 lbs (7.8 kg)
Special Features	Integrated Bluetooth Speaker, Infinity LED Wheel Lights, Self-Balancing Technology



**7mph
Max Speed**



**220lbs
Max Weight**



**6mi
Max Distance**



**Multi-Color
LED Wheels**



**6.5in
Solid Wheels**



**UL
Certified**

Image: A summary of key specifications including max speed, max weight, max distance, LED wheels, wheel size, and UL certification.



**7mph
Max Speed**



**220lbs
Max Weight**



**6mi
Max Distance**



**Multi-Color
LED Wheels**



**6.5in
Solid Wheels**



**UL
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Image: Detailed information on the 14-cell Li-Ion battery and 400W brushless motor, including lifespan and maintenance.

8. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the warranty card included with your product or visit the official Hover-1 website. Keep your purchase receipt as proof of purchase for warranty claims.

Contact Information: Please refer to the manufacturer's website or the product packaging for the most current contact details for support.