

VEEKO

USER MANUAL

Table of Contents

ENGLISH

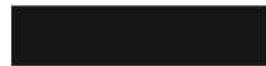
1. Document Overview.....	2
1.1 Preparation.....	2
2. Product Introduction.....	3
3. Safety.....	4
4. How to Ride.....	7
5. Battery Usage.....	11
5.1 Battery Power.....	11
5.2 Charging.....	12
5.3 Battery Disposal.....	13
5.4 About the Battery.....	15
6. Shipping and Maintenance.....	16
6.1 Cleaning High Roller™ Hoverboard.....	16
6.2 Storing High Roller™ Hoverboard.....	16
7. FAQ.....	17

Enjoy Your Hoverboard!

Thank you for purchasing our Hoverboard.

Before you begin, please make sure to read the User Manual and follow all safety precautions. The User Manual can help you better understand, use, and maintain your Hoverboard.

This product has CE(EMC&MD) FCC/C-TICK/RoH , UL2272, UL2271, and UN38.3 Certifications.



- It is highly recommended to always wear the proper safety gear before operating your Hoverboard.
- Before you begin, please make sure to read the User Manual and follow all safety precautions carefully.
- This device is designed for users age 2 and above. Kids under the age of 2 need to be under adult supervision or instruction concerning the use of the device in safe way and understand the hazards involved. Cleaning and user maintenance shall not be done by children without adult supervision.
- Improper use of this product can lead to property damage, serious bodily injury or death. Users must read and follow all operating instructions and precautions carefully. Users are responsible for all consequences caused by violating instructions.
- Hoverboard does not bear legal liability for users* improper operation in accordance with the law.

This symbol identifies safety and health messages in this User Manual.

1. Document Overview

Failing to follow the Hoverboard Manual may cause property damage, injury, or even death. To minimize the risk of damage or injury, please read the User Manual before using your Hoverboard.

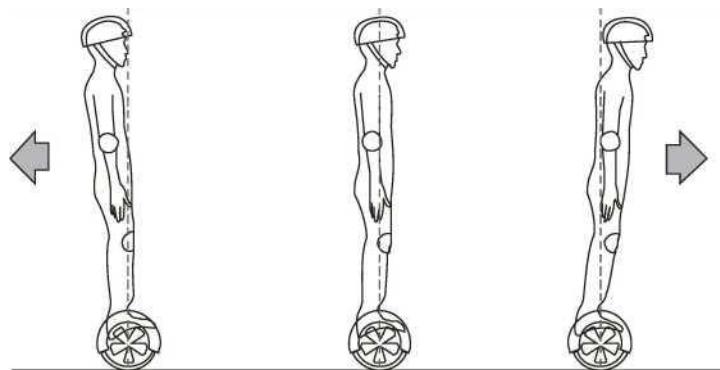
1.1 Preparation

- Please read the full manual before riding your Hoverboard.
- Before riding, please check battery level. If the battery indicator lights up, it means the device is fully charged.
- Check whether tires are damaged or if there are loose parts before riding.

2. Product Introduction

Hoverboard is a high-tech electric self-balancing hoverboard, which is based on dynamic balance principles to control moving forward, backward, and stopping. Hoverboard has easy operation, flexible control, and is environmentally friendly.

- Hoverboard uses a gyroscope and an acceleration sensor to control balance depending on the center of gravity. Hoverboard also uses a servo-control system to drive motor accurately. When you stand on the Hoverboard, the power plant will move the wheels forwards or backwards to keep balance, allowing full 360° maneuverability.
- The built-in inertia dynamic stabilization system can secure front and back movement, however, it cannot guarantee the stability to the left and right.



3. Safety

A WARNING! Overload may cause injury.

Weight Limit: 44-225 lbs. (20-102 kg)

- The weight limit is to ensure safety and prevent injury.

Speed Limit: About 6 miles/hr (9.6 km/hr)

- When the speed is getting close to the maximum allowable speed, an alarm will ring.
- Hoverboard can keep the user in balance within the specified speed. If the speed exceeds the specified speed; Hoverboard will tilt the rider and adjust the speed to stay in a safe range.

Range: 6-9 miles (9-14 km)

There are a lot of factors that will affect riding distance, such as:

- Terrain: A smooth, flat surface will increase the riding distance.
- Weight: The weight of the rider can affect riding distance, a light user will have further range than a heavier user.
- Ambient Temperature: Please ride and store device under recommended temperature (0°C - 25°C or 32°F - 77°F) which will increase riding distance.
- Maintenance: Reasonable battery charging and maintenance will increase the distance.
- Speed and Riding style: Maintaining a moderate speed will increase distance, frequent start, stop, acceleration, and deceleration will reduce the distance.

- Do not make any use of Hoverboard to endanger the safety of people or property.
- Do not modify the parts of Hoverboard, it will affect the performance of Hoverboard, void warranty, and may cause serious injury.
- Riding Hoverboard without following safety precautions may cause injury due to loss of control, collision, and/or falling down. To avoid injuries or damage, carefully read the whole User Manual and use the device according to the instructions.
- When you are riding Hoverboard, make sure to take all safety precautions, such as: wearing helmet, knee pads, elbow pads and other protective gear.
- Hoverboard is only used for personal entertainment.
- For your safety, do not use Hoverboard if you are pregnant.
- Do not use Hoverboard under the influence of any substances that may impair your vision or movement.
- Do not carry items when you are riding Hoverboard.
- When riding Hoverboard, please give way to pedestrians.
- Please be aware of things around you, keeping good vision and awareness will help you drive Hoverboard safer.
- Hoverboard can only be driven by one person, it cannot be driven by two or more people.
- Users should not exceed the maximum load (44-225 lbs. or 20-102 kg), or rider can easily get injured.
- When riding your Hoverboard with friends, keep safe distance from them to avoid injury.
- Do not get distracted while riding your Hoverboard with actions such as answering your phone, listening to music, or engaging in any other activities.
- Do not ride on slippery roads.
- Do not ride in dark places.
- Do not ride on bumpy surfaces.
- Do not ride in narrow spaces.
- Do not leave the Hoverboard outdoors to be exposed to the or rain.
- Store the Hoverboard safely.
- This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
 - () This device may not cause harmful interference, and

(2) This device must accept any interference received, including interference that may cause undesired operation.

- Any changes or modifications not approved by Interworks Unlimited could void the *user's* authority to operate the equipment and may void the warranty.
- Note: This product has been tested and found to comply with the limits for Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in residential installation. This product generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is guarantee that interference will not occur in particular installation. If this product does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
 - Reorient or relocate the receiving antenna.
 - Increase the separation between the equipment and receiver.
 - Connect the equipment into an outlet circuit different from that to which the receiver is connected.
 - Consult the dealer or an experienced radio/TV technician for help.

This equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body.

4. How to Ride

It is important to read the safety section before riding your Hoverboard



Power Button Charging Port

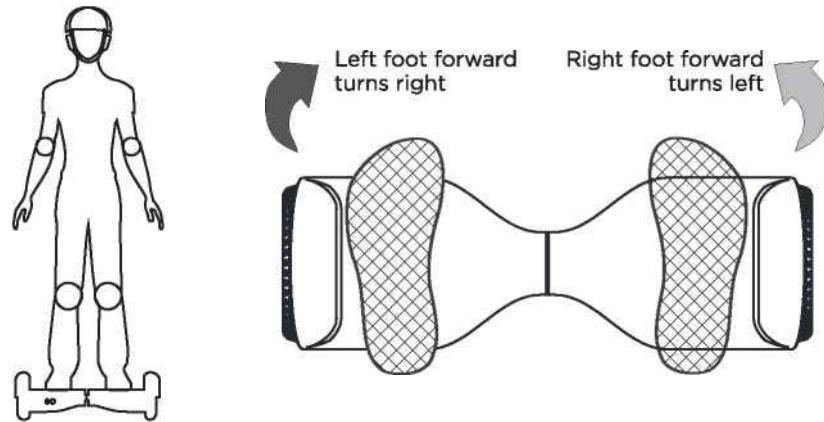
- Step 1: To start your Hoverboard, open the charger port of vehicle and press the power button.
- Step 2: Put your Hoverboard on a flat surface. Place one foot on pad to trigger the pedal, after the system enters selfbalancing mode, then put the other foot on the other pad.
- Step 3: Keeping your balance at the center of gravity can maintain your Hoverboard at a stationary state.
 - Step 4: Once you've found your balance, to move forward or backward, shift your weight in the direction you would like to move.



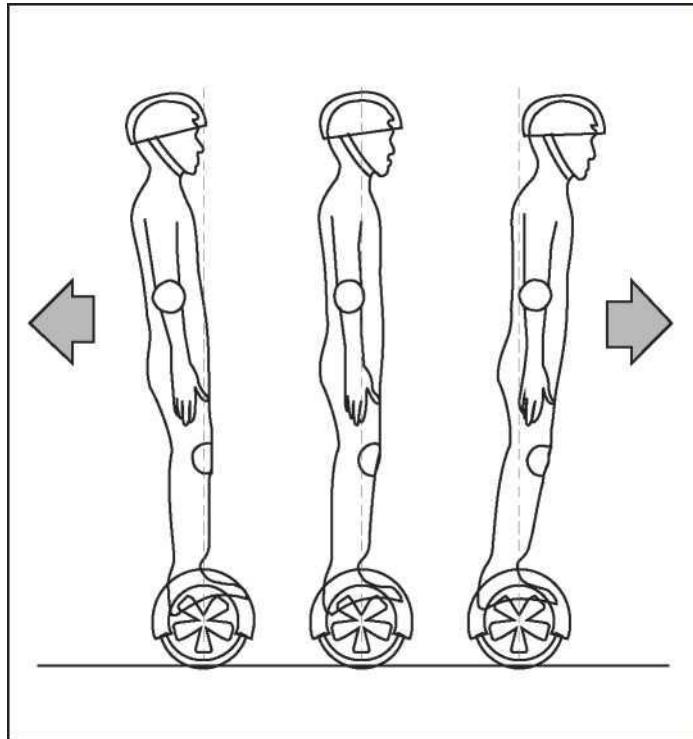
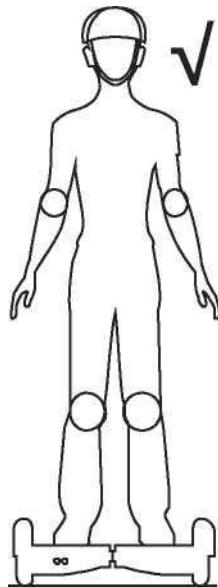
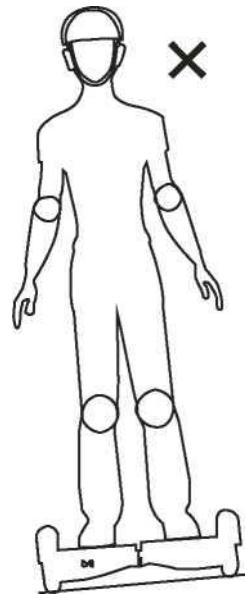
CAUTION!

If rider is not at a balance state, the alarm will go off and indicator light will turn on. This means the system cannot self-balance and you should get off and start over until the device starts to self-balance.

- step 5: Lean your body, left or right to turn.
- Step 6: To get off, bring the device to stop and step off one foot right after the other.



WARNING!



Do not make sharp turns at a high speed or uneven terrain.

During operation, if there is a system error or illegal operations, Hoverboard will prompt riders in different ways. If the indicator light or the alarm goes off when riding, please stop riding until the indicator light and alarm turn off.

The indicator light and or alarm will go off if:

- You get on the device and the surface is off balance more than 10 degrees.
- Battery is too low, the engine will turn off after 15 seconds.
- Charging.
- Over-speeding.
- The scooter is shaking back and forth over 30 seconds.
- System enters protection mode.
- Tire is blocked, Hoverboard will halt after 2 seconds.
 - When the battery temperature is too high, if the temperature continues to rise up, the scooter will shut down.



WARNING!

When Hoverboard⁵s engine turns off, system will halt. You may press Battery Display to unlock. Do not continue riding your Hoverboard when the battery is exhausted or if the indicator light and alarm are going off, it may lead to injury. Continuing riding under low battery may damage the battery and device.

5. Battery Usage

5.1 Battery Power

You must stop riding your Hoverboard if it displays low power, or it may cause injury and damage to the battery. For user's safety and prolonged battery life, please follow these instructions.

Do not use the battery if the following occurs:

- Emit odor or overheat.
- Any materials are leaking.



- The battery contains dangerous substances, do not open the battery, do not insert anything into the battery.
- Please use charger provided by us.
- The usage of battery should obey the local law.

WARNING: Risk of Fire-No User Serviceable Parts

5.2 Charging

- This product has a lithium-ion battery with 25.2V4.0Ah power.
- Ensure charging port is dry.
- Open charging port.

• Plug the charging cable into the Hoverboard. Make sure the indicator light turns on, then connect the cable to the power supply (100V - 240V; 50, 60 Hz).

- The red light indicates the device is charging, otherwise check if the cable is connected properly.
- When the indicator light turns from red to green, it means that power is fully charged.
- Once the device is fully charged, please disconnect the device. Overcharging will affect battery lifetime.
- The best temperature is 0°C - 40°C (32°F - 104°F). Overcooling and overheating may affect the efficiency of charging.
- Charging Time: 2-3 Hours
 - Playing Time: 4-6 Hours

I

- Please only use the charger provided by us.
- Do not charge overnight or when you are not able to observe the device.
 - Charge and store in an open dry area away from combustibles.



Charging Port

5.3 Battery Disposal

The Hoverboard has a lithium-ion battery that if not properly disposed, will hurt the environment. We caution all consumers to take appropriate steps for proper disposal.

Below are your options for proper disposal:

The National Waste and Recycling Association recommends contacting your local electronic waste facilities to check if they will dispose of your hoverboard lithium-ion batteries.

- the event that your local facility does not take lithium-ion batteries, contact the non-profit organization, Cal^Recycle, that serves the United States and Canada.

CONTACT INFO:

Ca 2Recyde.org 1000 Parkwood Circle Suite 200 Atlanta, GA 30339 (877)723-1297

Drop Off Locator: (877-2-RECYCLE)

- Battery Recyclers of America take all kinds of batteries and operates in all 50 states. They are a full-service, battery-recycling group that specializes in lithium-ion battery recycling in bulk (partial pallet or multiple pallets).

Contents	Parameters	CONTACT INFO: B a t
Battery Type	Lithium Battery	
Charging Time	2-3 Hours	

teryRecyclersof America.com Operates in all

50 States (800)508-6700

info@batteryrecyclersofamerica.com

5.4 About the Battery

- Another option would be to contact [hazawaytoday.co](http://hazawaytoday.com) where you can schedule a pickup for a price (commercial price consultation is available) and HazAwayToday will take care of the disposal. The can take a small moving box or up to a large amount.

CONTACT INFO:

HazAwayToday.com 212 Eucalyptus Drive, Suite A El Segundo, CA 90245 (844)442-9292 info@HazAwayToday.com

Voltage	25.2V
Initial Capacity	1-4 Ah
Working Temperature	23°F - 104°F (-5°C - 40°C)
Charging Temperature	32°F - 104°F (0°C - 40°C)
Storage Time -4°F - 77°F (-20°C - 25°C)	12 Months
Storage Humidity	5%-75%

6. Shipping and Maintenance

Hoverboard requires the user to do routine maintenance.

Before you perform the following operations, ensure the power and charging cable is disconnected.

6.1 Cleaning the Hoverboard

- Disconnect the charger and turnoff Hoverboard.
 - Wipe the cover.



WARNING!

Avoid using water or other liquids on the Hoverboard for cleaning. If water or other liquids seep in, it will cause permanent damage to the internal electronics.

6.2 Storing the Hoverboard

- Charge your battery before storing.
- If you store Hoverboard for more than one month, please remove the battery and charge it at least every three months.
- If the storage ambient temperature is below 0°C do not charge. Please bring it to a warm environment (above 10°C) for charging.
 - Store Hoverboard indoors, at a dry suitable temperature.



WARNING!

Users who disassemble the Hoverboard without permission will regard as giving up the right of warranty.

WARNING!

- Be aware of Risk of Fire and Electric Shock
- Lithium battery is dangerous. Shipping lithium battery should be allowed by local law.
- Please return the battery back to the battery manufacturer or recognized battery recycling station.

7. FAQ

Troubleshooting Guide

Symptom	Solution
Hoverboard mats tilt up, alarm and red LED lights up	1. Over speed 2. Low Battery
Hoverboard mats unbalanced	Please calibrate by putting High Roller™ Hoverboard mats on horizontal level.
Hoverboard cannot go directly or turn by itself	Press and hold power button for 3 seconds. Both display lights flash and beep for 5 seconds.
Hub wheel gets stuck	Please check the motor and the shell, then clean them.
Unable to charge	Make sure the charger connection is connected. Please make sure the charging port is in the right position.
Unable to turn on	Please charge for 12-15 min, check if device still has low battery.

SELF-BALANCING SCOOTERS	Veeko-102 Veeko-103
Dimensions	594 mm L X 186 mm W X 178 mm H
Maximum speed	9.6Km/H
Maximum Load	102Kg
The use of temperature	-5-40 °c
Charging temperature	0-40°c
The battery model	HA097
Capacity	4.0Ah
Switching power supply	FY0422941000 (E350715) SHENZHEN FUYUANDIAN POWER CO LTD
Input	100-240V, 50/60HZ
Output	29.4V , 1A