



HOVER-WAY

Hands Free Smart board

Thank you for your purchase of the Hover-Way! To ensure your safety and the safety of others, please read and follow these instructions. Happy riding!

User's Manual

If you experience problems with your product, please contact customer support before contacting your retailer.

Call 866-843-6460

Or email us at: dgsupport@digitalgadgets.com

Digital Gadgets Limited Warranty Statement

Digital Gadgets warrants the owner of this product against defects in workmanship and materials for a period of 12 months from the original date of purchase. If the product fails during normal and proper use within the warranty period, Digital Gadgets will, at its option, repair or replace any products or parts determined to be defective in workmanship or material. All components repaired or replaced by Digital Gadgets' service site will be under warranty for the remaining period of the warranty.

This Limited Warranty covers only the accessory components packaged with this product. This Limited Warranty does not include failure caused by improper installation, operation, cleaning or maintenance, accident, damage caused by extreme temperature, humidity or extreme electrical stress, misuse, abuse, unauthorized modifications to the product, software faults, normal wear and tear or any other event, act, default, or omission outside of Digital Gadgets' control or if the serial number has been defaced, altered or removed and the casing has been opened.

To obtain warranty service, please contact Digital Gadgets for specific instructions at the telephone number below. Dated, documented proof of the original purchase is required.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

- Thank you for choosing the **Hover-Way** hands free electric smart board!
- The **Hover-Way** is the next step in the evolution of transportation. We take the fun of a skateboard, make it as easy to use as a motor scooter, and then give it an extra bit of swag.
- Before operating this vehicle, read all the instructions for safe assembly and operation.
- This User's Manual will guide you through the functions and usage of your **Hover-Way**. Have fun!

Hover-Way Models and Features

	Hover-Way
Lighter, best for speed & curves	✓
Wider, road hugging frame	✗
Flashing LED lights	✗
Bluetooth speaker*	✗
Standard 6.5-inch wheel	✓
Rugged 8-inch wheel	✗



It is important that you follow all safety warnings that appear throughout your Hover-Way Hands-Free smart board manuals and that you use good judgment when you ride your Hover-Way. If you have questions, or do not have the Hover-Way Manual or Safety Video, contact Hover-Way before you attempt to use your Hover-Way board.

The Hover-Way is a self-balancing, personal transporter that uses balancing technology.

Note: Balancing technology cannot prevent injury if you do not ride the Hover-Way safely. Please review the below safety warnings.

- **Always wear shoes, a helmet, and appropriate safety gear such as knee and elbow pads when riding. Use an approved bicycle or skateboard helmet that fits properly with the chin strap in place, and provides protection for the front, back and sides of your head.**
- **Do not ride without proper training, please review manual and how to videos before use.**
- **Avoid obstacles and slippery surfaces that could result in a loss of balance or traction and cause a fall.**
- **Do not ride at high speeds, on uneven terrain, or on slopes. Do not perform stunts or turn abruptly.**
- **Never place anything on the rider detection pads except your feet. Doing so could interfere with the Rider Detection system and may allow the Hover-Way to travel on its own, risking running into a person or property and causing injury or damage.**
- **Never step off of the Hover-Way when it is in motion. If you step off of the Hover-Way while in motion, you risk injury to yourself, others, and damage to the Hover-Way.**
- **Although the Hover-Way is designed to be as stable as possible for a design that utilizes two self-balancing wheels, it is possible to “override” the Hover-Way and tip over when riding too fast for the conditions. Always be aware of the riding surface and environmental conditions while riding. Be alert. Scan both far ahead and in front of the wheels—your eyes are your best tool for safely avoiding obstacles and slippery surfaces.**
- **Do not carry one or more passengers.**
- **Do not ride your Hover-Way after consumption of alcohol, drugs, or while intoxicated. You must comply with local laws and give way to pedestrians.**
- **All riders must be over 4' tall and must weigh more than 44 lbs. The maximum weight limit 220 lbs.**

RISK OF DEATH OR SERIOUS INJURY

Assumption of Risk: By riding our Hover-Way the user acknowledges and accept responsibility of all risks associated with the use of the Hover-Way Hands-Free Smart Board, which may include, but are not limited to, muscle injuries, broken bones, lacerations, serious injury, and possibly death, which may be sustained while using the Hover-Way. To ride safely, you must read and follow all instructions and warnings in the User Manual.

Chapter I General information -----	3
1.1 About the manual -----	3
1.2 The risk of driving -----	3
1.3 Before you begin -----	3
1.4 Important information -----	3
Chapter II Product introduction -----	4
2.1 Description -----	4
2.2 Diagram -----	5
2.3 How it works -----	6
Chapter III Control indicators -----	7
3. 1 Pedal sensor -----	7
3.2 Indicator lights -----	8
Chapter IV Safe Use -----	9
4.1 The weight limit -----	9
4.2 Range per charge -----	10
4.3 Max. speed -----	10
4.4 Max. incline -----	10
Chapter V Learning to use it -----	11
5.1 Operating steps -----	11
5. 2 Diagram of operation -----	12
5. 3 Calibration -----	13
5. 4 Safety guidelines -----	14

Chapter VI Safe driving	16
Chapter VII Battery usage	18
7.1 Battery capacity	18
7.2 Charging steps	19
7.3 Battery temperature	20
7.4 Battery specifications	20
7.5 Transporting the battery	21
Chapter VIII Maintaining your Swagway	22
8.1 Cleaning	22
8.2 Storage	22
Chapter IX Specifications	23
Chapter X Packing list	25
Warranty Registration Card	26

Have a safe, fun ride!

HOVER-WAY

Chapter I General Information

1. 1 About the manual

Before operating this vehicle, read all the instructions for safe assembly and operation. This User's Manual will guide you through the functions and usage of your Hover-Way electric skateboard.

If you have any questions or you cannot find the information you need in the manual, please contact your place of purchase or our company immediately.

1. 2 The risk of driving

The Hover-Way is a self-balancing smart transportation and recreational device. It has gone through rigorous testing to ensure its safety. However, if you don't follow the instructions in the manual, you may be injured.

WARNING!

No matter when and where, there is a possibility you may crash, fall off, lose control, etc., causing injury and even death. In order to avoid being injured, please read this manual carefully.

1. 3 Before you begin

Before using, check that the battery is fully charged. Please find more details in Chapter VII. The likelihood of injury or death will increase if you don't follow the proper operating instructions in this manual.

1. 4 Important Information

When reading this manual, please pay attention to 'WARNING' and 'NOTE' in all capital letters.

WARNING!

Caution: read and understand the following or you may be injured.

NOTE:

The following explanation requires your attention.

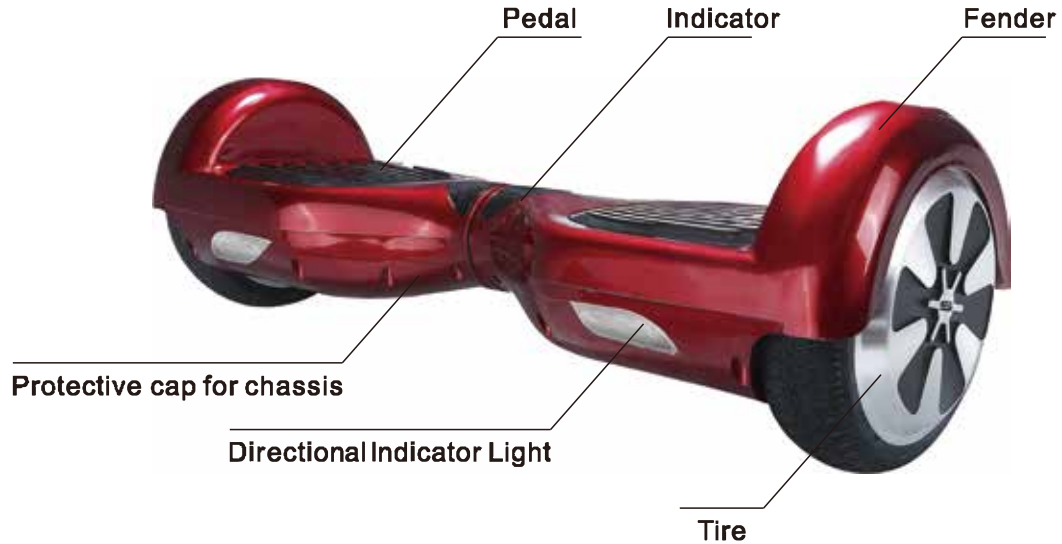
Chapter II Product introduction

2.1 Description of the Hover-Way

The Hover-Way is a self-balancing electric skateboard which can go forwards and backwards. It's steering and stopping are controlled by Dynamic Equilibrium. It is simple to operate, easy to control, environmentally friendly, and looks incredibly cool!

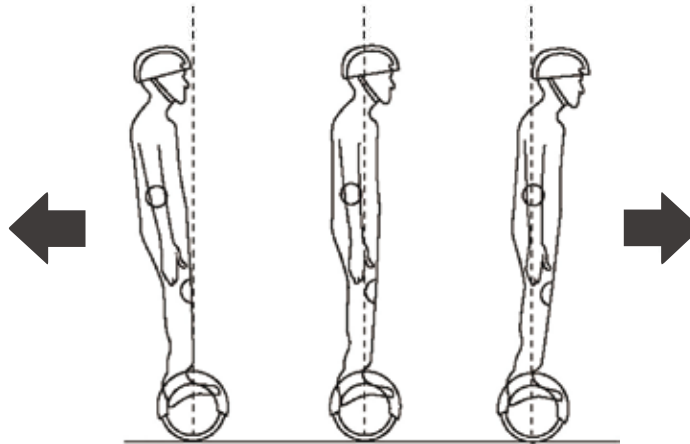


2. 2 Hover-Way Diagram



2. 3 How it works

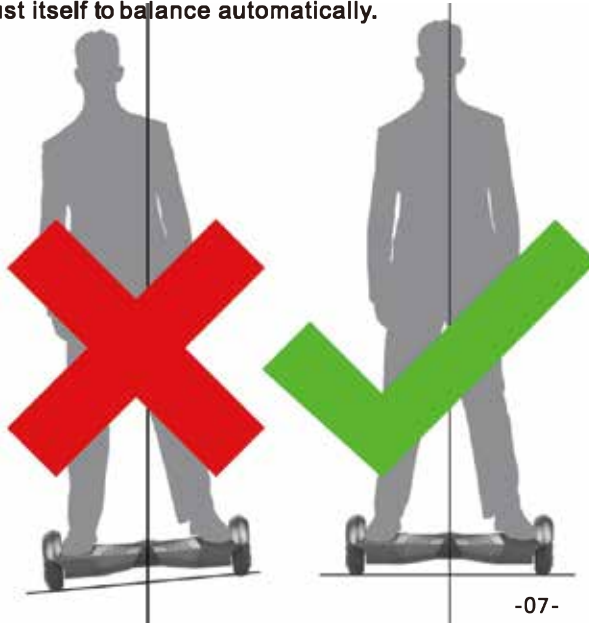
- The **Hover-Way** self-balances and moves because of Dynamic Equilibrium. It uses an internal gyroscope and acceleration sensors to move based on your center of gravity. When you lean forward, it will sense your actions and accelerate. When you need to turn, slow down and gently shift the weight on your left or right foot to turn the opposite direction.
- The **Hover-Way** has an inertial dynamic stabilization system that keeps you upright. However, it will stop detecting you if you lean too far left or right or you take a foot off the board. Slow down before turning or you will fall off and be injured.



Chapter III Control indicators

3.1 Pedal sensor

The **Hover-Way** has 4 sensors below the pedals. When the operator steps on a pedal, the **Hover-Way** will adjust itself to balance automatically.



When riding the **Hover-Way**, you must make sure that you are touching the pedals. Please don't step on the part outside the pedal; it won't detect you. Do not lean too far back or forward, and do not ride on a slope.

Don't put objects on the pedals. The **Hover-Way** will not lock, increasing the possibility that it will drive off and crash into something, damaging the **Hover-Way** and possibly causing injury.

3.2 Indicator lights

The indicator lights are located in the middle of the Hover-Way.

- **Battery indicator:** A green light means the battery is fully charged. When the light flashes green, that means there is 50% battery life remaining. When it turns red it is below 20% battery life. Stop using the Hover-Way immediately and recharge the battery.
- **Operation indicator:** When the pedal is triggered, the operation indicator will light up green to show that the system is operating normally. If the system experiences an error, the indicator will turn red.



Immediately get off the Hover-Way if the low battery indicator comes on. The Hover-Way will not self balance and you will fall.



Chapter IV Safe Use

We sincerely hope every operator can ride the Hover-Way safely and enjoy it. Think back to when you learned to ride a bike, drive a car, go skiing or skateboarding, etc. Remembering those experiences will help you learn how to master your Hover-Way faster.

- Follow this User's Manual to learn to ride the Hover-Way safely. We highly advise you read the manual carefully the first time. Before riding, make sure the tires are undamaged and mechanical parts are not loose. If there is anything abnormal, please contact us for repair immediately.
- Please read the manual carefully. It covers lots of important information, including speed limitations, indicator warnings, how to turn off safely, etc.
- Please never use the Hover-Way to do anything that may cause personal injury and property damage.
- Please don't modify the mechanical parts of the Hover-Way. This is a high tech, precision device. Any modifications can cause unexpected results, breaking the Hover-Way or causing injury.

4.1 Weight limitation

- The reason for the weight limitation: 1. To guarantee the safety of the operator; 2. To ensure the Hover-Way operates properly.
- Maximum load: 220 LBS (100 KG)
- Minimum load: 44 LBS (20KG)



WARNING!

If the Hover-Way is overloaded, you may fall off and be injured.

4.2 Range per charge

The range per charge is related to many factors, for example:

- **Topography:** On smooth even road, the range per charge will increase, If you are on rough terrain or on a slope, it will decrease.
- **Weight:** The weight of the operator will influence the driving distance.
- **Temperature:** If the Hover-way gets too hot or too cold, it will decrease the driving distance.
- **Maintenance:** If the Hover-way is charged properly and the battery is kept in good condition, the driving distance will increase, Improper charging and maintenance will decrease the driving distance.
- **Speed and driving style:** keep a moderate, consistent speed to increase the driving distance, Frequently starts, stops, acceleration, and deceleration will reduce the driving distance.

4.3 Max. Speed

- The maximum speed of the Hover-way is 10 mph (16 km/h).
- When the operator exceeds the maximum speed, the Hover-way will sound an alarm.
- At recommended speeds, the electric Hover-way will balance itself well. When the speed is faster than the recommended speed, you will lose balance and fall off.

4.4 Max. Incline

- Do not operate on hills or slopes of more than 30° incline.
- At recommended inclines, the electric Swagway will balance itself well. When the incline is steeper than recommended, you will lose control or fall off.

Chapter V Learning to use it

This User's Manual includes instructions and notes; the operator must read it carefully and follow these instructions. It is very important for you to know all these rules.

5.1 Learn to use it

Step 1: Press the power switch to turn on the Hover-Way.

Step 2: Get ready to drive. First, step on one pedal to trigger the foot-switch. The system will enter self-balancing mode. Then step on with your other foot.

Step 3: Stand upright but relaxed. Do not make any sudden or jerky movements. Shift your weight forward or back to control the Hover-Way.

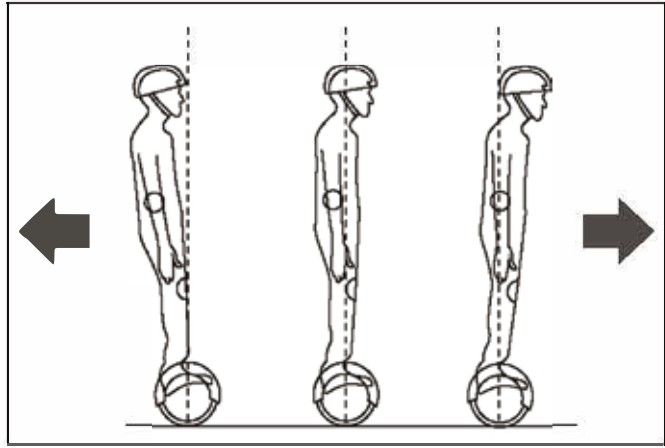
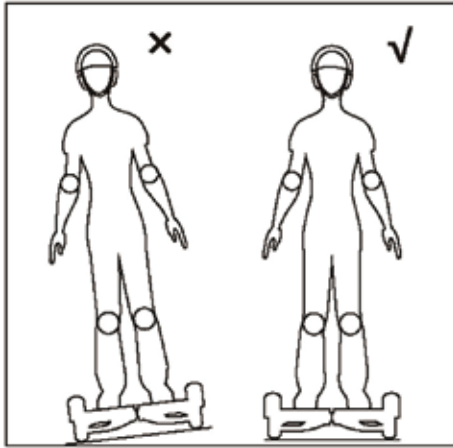
Step 4: Shift your weight to turn. Putting more weight on your right foot turns left. Putting more weight on your left foot turns right.

Step 5: Get off. Before you get off, make sure that the Hover-Way is stopped, then step off one foot at a time. Please be careful.



NOTE:

If the Hover-Way doesn't self-balance when you trigger the foot-switch, the warning LED will light. Do not operate the Hover-Way. Wait a few minutes and try again. If you are on a slope, move the Hover-Way to flat ground. If this continues, please contact technical support. **DO NOT OPERATE!**



5.2 Diagram of operation

⚠ WARNING

**Do not turn suddenly while driving fast, accidents will result.
Do not ride sideways or turn on a slope. The self-balancing sensors will malfunction, jeopardizing your safety**

5.3 Calibration

If your **Hover-Way** seems to pull to the left or right, you may need to recalibrate its sensors. The process requires two levels, available at any hardware store.

Many smartphones have free "bubble level" apps as well.



Step 1: Start with the **Hover-Way** powered off.

Step 2: Place each level parallel with the wheel touching the inside of the wheel base.

Step 3: Rotate the **Hover-Way** until both levels on each wheel base are level. If you do not have a level, make sure both platforms are equal with each other and level to the ground as best as possible.

Step 4: While keeping the **Hover-Way** level, hold the power button down. The **Hover-Way** will make the normal power on tone. Wait 3 seconds and you will hear a single beep. Release the power button. Front LEDs will begin flashing. Power the **Hover-Way** off.

Step 5: Power on again. The **Hover-Way** should now be calibrated. If the **Hover-Way** is still not calibrated correctly, go to step 1 and begin making minor adjustments.

5.4 Safety Guidelines

- During operation, if the system encounters an error or is being operated incorrectly, the **Hover-Way** will alert the operator. It will sound an alarm and light error indicator LEDs.
- When you step on the **Hover-Way** the platform may tilt forwards or backwards up to 10 degrees. It will not function if it tilts more than that.
- The **Hover-Way** will not function if the voltage of the battery is too low.
- The **Hover-Way** will not function during charging.
- The **Hover-Way** will not function if it flips upside down.
- The **Hover-Way** will not function if you are going too fast.
- The **Hover-Way** will not function if it is shaking too much, like if you are on uneven or rocky ground.
- If the battery voltage is too low, 15 seconds later the **Hover-Way** will enter into power off mode to protect the battery.
- If the battery is over-worked, like when climbing a very steep slope, 15 seconds later the **Hover-Way** enters into power off mode.



When the Hover-Way enters into a shutdown state, the system will lock down the machine automatically. It can be unlocked when you press the unlock button. When the battery has been depleted or an error alarm or indicator light goes off, please do not continue to drive the Hover-Way. The self-balancing may malfunction and the driver is likely to be harmed. If the battery reaches minimum capacity, the continued driving of the Hover-Way will reduce the battery's life.

5.5 Practicing

Before you drive the Hover-Way outdoors, please make sure you are familiar with the skills of driving it:

- Wear casual clothing and flat shoes to maintain your flexibility and stability.
- Please practice in open spaces until you can easily get on, move forwards and backwards, turn, stop, and get off easily.
- Make sure the pavement is even. Do not drive on a slope until you are experienced.
- The Hover-Way is designed for smooth road. When driving on uneven pavement, the user should slow down. Be careful or the Hover-Way will lift off the ground.
- If you are unfamiliar with the Hover-Way, avoid driving in places with pedestrians or obstacles.
- Be careful going through doors; you are 4 inches taller than normal and might hit your head.

Chapter VI Safe driving

This chapter will focus on safety knowledge and warnings. Before operating this vehicle, read all the instructions for safe assembly and operation. This User's Manual will guide you through the functions and usage of the Hover-Way. To ensure the best driving experience, read the user manual carefully before driving.

WARNING!

- Before you start, familiarize yourself with the operating instructions so that you can keep the Hover-Way in the best condition. Otherwise you may crash, fall off, lose control, etc.
- When you are learning to use the Hover-Way, make sure that all safety measures are made. Wear a helmet, knee pads, elbow pads, and other protective gear.
- The Hover-Way is only for personal entertainment. You may not be allowed to ride it on sidewalks and streets. Check your local laws first.
- Do not ride in traffic.
- Children, the elderly, and pregnant women should not drive the Hover-Way.
- Do not drive while intoxicated or under the influence of medication or drugs. It is dangerous and illegal.
- Do not carry items when driving.
- When driving the Hover-Way you must comply with local laws and give way to pedestrians.
- Please be alert to your surroundings to ensure a safe ride. Do not drive in dimly lit or dark places.
- Relax your legs while driving, knees slightly bent. This helps maintain balance when you encounter uneven ground.
- Make sure your feet are always on the pedals. Taking your feet off the Hover-Way while driving is incredibly dangerous.
- Please wear appropriate clothes and safety gear, this will help you handle emergencies better.
- The Hover-Way can only support one person. Do not let two or more people ride it.
- Do not start or stop suddenly.
- Avoid driving on steep slopes.

- The weight of the user and their belongings should not exceed the maximum load indicated in the instructions, otherwise you may damage the Hover-Way, or the driver may fall or be injured. The driver's weight should not be less than the minimum weight as marked in the instructions. Otherwise the Hover-Way will be difficult to control. This is especially true when riding downhill, as the Hover-Way may reach unsafe speeds.
- Ensure the vehicle speed is safe to yourself and others, and be ready to stop at any time.
- When you are in an accident, please contact EMS / 911 right away.
- When you and your friends are driving Hover-Way near each other, please keep a safe distance from each other to avoid collisions.
- When going through doors, remember you are four inches (10 cm) taller on the Hover-Way.
- When steering, pay attention to your body's center of gravity. A sudden shift may cause you to fall.
- Do not ride in the rain. Do not ride backwards for long distances or at high speeds. Be especially careful when riding backwards and turning.
- The Hover-Way is not a medical mobility device. Be sure you are healthy enough to ride it.
- Avoid driving over obstacles and slippery ground such as snow, ice, and wet surfaces.
- Avoid driving on items made of cloth, small branches, and stones.
- Avoid driving in narrow spaces or where there are obstacles.
- Only drive the Hover-Way where permitted. Local laws may restrict where you can ride.
- Do not operate near flammable vapor, liquids, dust or fibers, and other fire hazards.



Remember, the Hover-Way is a motor vehicle, and is treated as such by local law. You can and will be arrested for Drunk Driving. Many cities have restrictions on where you can drive motor vehicles, and additional restrictions on driving non-automobiles on streets and highways.

Always wear a helmet and appropriate safety gear. We are not responsible for injury or accidental death.

Chapter VII Battery usage

This chapter mainly discusses the charging methods, how to maintain the battery, the safety issues you need to pay attention to, and the battery specifications. For the safety of yourself and others, and to extend the battery's life and improve battery performance, please be sure to observe the following instructions.

7.1 Low battery

When you find the battery indicator is red, it indicates low battery. It is recommended that you stop driving. When the power is low, there is not enough energy for normal driving. The system will automatically stop and tilt the base of the platform to discourage you from using it. It is very easy to fall if you insist on driving at this time, and it will also affect the battery's life.

- Do not use the battery in the following cases.
 1. It is giving out some odor or excessive heat.
 2. Something is leaking.
- Disassembly and battery maintenance should only be performed by an authorized professional.
- Do not touch any substance leaking out of the battery.
- Do not let children and animals touch the battery. Before installing the battery, disconnect the charger. When charging, you may not operate the Hover-way.
- Batteries contain dangerous substances inside. Do not open the battery. Do not insert anything into the battery.
- Only use chargers offered by our company.
- Over-worked lithium batteries can explode. Excessive discharge due to modification (over-volting) is dangerous. Do not dispose of in fire.
- Battery operated motor vehicles can only be used under the permission of the local law.

7.2 Charging steps

- Locate the charging port on the back of the Hover-Way.
- Ensure the charging port is dry.
- First plug the charger into the wall (100V~240V; 50,60Hz). Verify the green light lights up, then plug the other end of the charger into the Hover-Way.
- The red indicator light on the charger indicates that it is charging properly. If the light does not come on, check that the charger is connected securely to the wall and to the Hover-Way.
- When the indicator light changes from red to green, the battery is fully charged. Please stop charging. If you keep it on the charger, it will reduce the battery life.



- Please charge and store in accordance with these instructions, otherwise it will damage the battery.
- The charging time is approximately 2 hours. Charging longer than that will affect the battery's life.
- Please keep the charging environment clean and dry.
- If the charging port is damp, don't charge it.

7.3 Battery temperature

- If you want the Hover-Way to operate efficiently, the battery temperature must be within the following range.
- The temperature before and while charging must be within the recommended values. The charging efficiency is the highest when the battery is near the recommended temperature. If it is too cold or hot, the charging time will be longer, or the battery will not fully charge.

7.4 Battery specifications

NAME	PARAMETERS
Battery	lithium-ion battery
Charging Time	2 ~ 3Hours
Voltage	36V
Initial Volume	4.4AH
Working Temperature	5°F ~ 122°F (-15°C ~ 50°C)
Charging Temperature	32°F ~ 104°F (0°C ~ 40°C)
Relative Humidity of Storage	5% ~ 95%

7.5 Transporting the battery



WARNING!

Lithium batteries are considered hazardous materials. Transporting it is governed by federal, state, and local laws.



NOTE:

International law prohibits shipping bare lithium batteries. If you ship your Hover-Way, you must ship it with the battery installed. You may not ship the battery separately.

Chapter VIII Maintenance

Your **Hover-Way** needs to be maintained. This chapter mainly describes the relevant steps to maintain it, along with tips and reminders to keep your **Hover-Way** running properly. Please make sure that the power and charge coil are off before you perform the following. You may not operate when the power is on or the battery is charging.

8.1 Cleaning

- Make sure the power and the charge coil are off.
- Wipe the outer shell of **Hover-Way** with a soft, dry cloth.



- The **Hover-Way** meets IP54 water-resistance. It can withstand small splashes, but do not submerge.
- Do not let water or liquids get into the **Hover-Way**. It will cause permanent damage to the internal electronics. Wipe all dirt from your **Hover-Way**, and do not store in a dusty environment.

8.2 Storage

- Before storing, fully charge the **Hover-Way** to prevent battery over discharge due to non-use.
- If stored more than one month, remove the battery. Discharge and recharge the battery every three months.
- If the storage temperature is below 32° Fahrenheit (0° Celsius), please don't charge the **Hover-Way**. Put it in a warm environment (higher than 50° Fahrenheit (10° Celsius) and let it warm up before charging.
- Cover the **Hover-Way** to keep dust out. Dust and sand can get in the motor and cause problems.
- Store indoors at a dry and suitable temperature. Do not store in an unheated garage or shed.



- Only authorized repair centers may open and service the **Hover-Way**. Attempting to repair or modify your **Hover-Way** voids all warranties.

Chapter IX Specifications

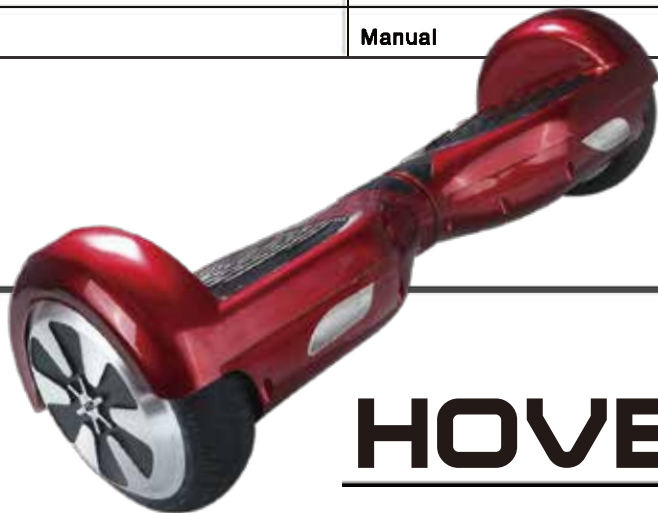


Specifications

Name	Parameter	Comments
Net Weight	22 LBS	
Minimum Load	44 LBS	
Maximum Load	220 LBS	
Maximum Speed	10MPH	Distance varies depending on terrain, driving style and load.
Range Per Charge	9.3-12.4 MI	Depending on load.
Climbing Capacity	15°	
Turning Radius	0°	
Energy	Rechargeable Li-ion Battery	
Charger Voltage	100-240V 50-60HZ	
Dimension	23 x 4 x 7 IN	
Chassis Height	1.18 IN	
Pedal Height	4.3 IN	
Tire Type	Hard Rubber Tire	

Chapter X Packing list

NO.	Name	Quantity
1	Hover-Way electric skateboard	1
2	Charger	1
3	Manual	1



Have a Safe, Fun Ride!

HOVER-WAY

HOVER-WAY

Hands Free Smart board

IMPORTANT SAFEGUARDS:

When using an electrical product, basic precautions should always be followed, including the following:

READ ALL INSTRUCTIONS BEFORE USING:

- THIS IS NOT A TOY. Not for use by children.
- Please do not attempt to change or remove the lithium battery yourself.
- Do not dispose of batteries in fire.
- Do not leave batteries in hot places such as an automobile under direct sunlight.
- Do not mix used and new batteries, or install used batteries in other equipment.
- Do not mix Alkaline, Standard (Carbon-Zinc) or Rechargeable (Nickel Cadmium) or (Nickel Metal Hydride) batteries.
- Do not reverse the polarity (positive and negative terminals) of batteries.
- Batteries should be recycled or disposed of as per state and local guidelines.



This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and**
- (2) This device must accept any interference received, including interference that may cause undesired operation.**

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.