

GYROOR



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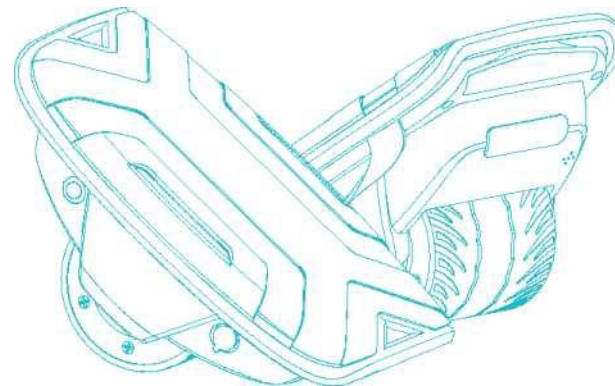
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The manufacturer reserves the right to make changes to the product, and update tills manual at any time. Visit www.gyroorboard.com to download the latest user manual.

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Hovershoes

USER MANUAL





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*Gyroor is not responsible for damage caused by unreasonable
use, please watch Gyroofs instructional video before use.*

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Thanks for choosing the Hovershoes.

*To enjoy the many features of your Hovershoes,
you must read and follow these instructions.*

Enjoy your ride!



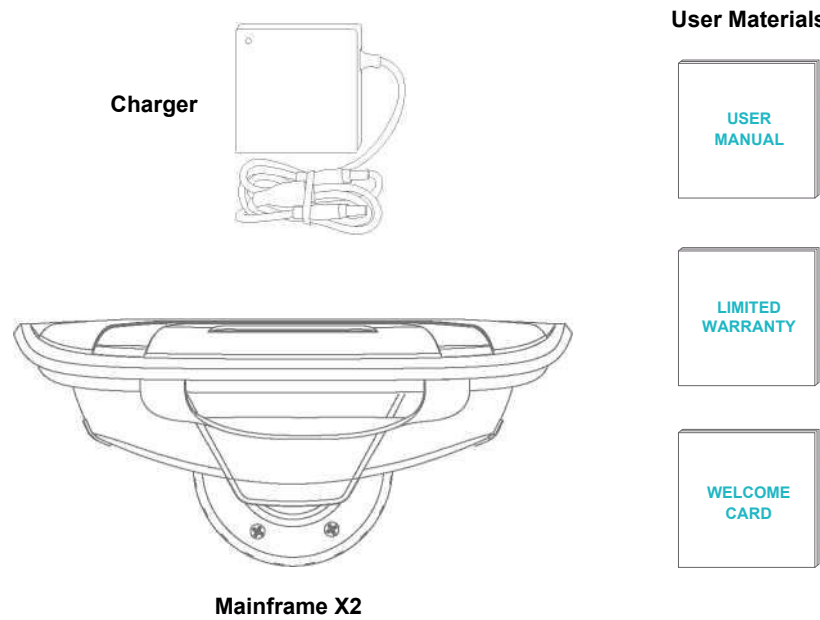
1 .Riding Safety

1. The Hovershoes are the recreational product. Before mastering riding skills, you need to practice. Neither Gyroor Technology (CHINA) Co., Ltd nor Shenzhen Chitado Technology Co., Ltd is responsible for any injuries or damage caused by a rider's inexperience or failure to follow the instructions in this document.
2. Remember that whenever you ride the Hovershoes, you risk injury or death from loss of control, collisions, and falls. You can reduce the risk by following all the instructions and warnings in this manual, but you cannot eliminate all the risks. When riding in public spaces always comply with local laws and regulations. As with other vehicles, faster speeds require longer braking distance. Sudden braking on smooth surfaces could lead to wheel slip, loss of balance, or falls. The Hovershoes are designed to be ridden on a flat hard surface which is free of obstacles and bumps. Be cautious and always keep a safe distance between you and other people or vehicles when riding. Be alert and slow down when entering unfamiliar areas.
3. Always wear a helmet when riding. Use an approved bicycle or skateboard helmet that fits properly with the chin strap in place, and provides protection for the back of your head.
4. Do not attempt your first ride in any area where you might encounter children, pedestrians, pets, vehicles, bicycles, or other obstacles and potential hazards.
5. Respect pedestrians by always yielding the right of way. When approaching a pedestrian from the front, stay to the right and slow down. Avoid startling pedestrians. When approaching from behind, announce yourself and slow down to walking speed when passing. Pass on the left whenever possible. Please obey local traffic laws and regulations.
6. In places without laws and regulations governing self-balancing electric vehicles, comply with the safety guidelines outlined in this manual. Neither Gyroor nor Shenzhen Chitado Technology Co., Ltd is responsible for any property damage, personal injury/death, accidents, or legal disputes caused by violations of the safety instructions.
7. Do not allow anyone to ride your Hovershoes on his/her own unless he/she has carefully read this manual, and followed the New Rider Tutorial by scanning the QR Code on the Welcome Card. The safety of new riders is your responsibility. Assist new riders until they are comfortable with the basic operation of the Hovershoes. Make sure each new rider wears a helmet and other protective gear.
8. Before each ride check for loose fasteners and damaged components. If the Hovershoes make abnormal sounds or signal an alarm, stop riding immediately and contact after-sales service.
9. Be alert! Scan both far ahead and in front of your Hovershoes — your eyes are your best tool for safely avoiding obstacles and low traction surfaces (including, but not limited to, wet ground, loose sand, loose gravel, and ice).

10. To reduce risk of injury, you must read and follow all "CAUTION" (⊗), "Tips" (*), and "WARNING" (⚠) notices in this document. Do not ride at an unsafe speed. Under no circumstance should you ride on roads with motor vehicles. The manufacturer recommends riders be 6+ years old. Always follow these safety instructions:

- A. People who should not ride the Hovershoes include:
- i. Anyone under the influence of alcohol or drugs.
 - ii. Anyone who suffers from disease that puts himself/herself at risk if he/she engages in strenuous physical activity.
 - iii. Anyone who has problems with balance or with motor skills that would interfere with their ability to maintain balance.
 - iv. Anyone whose weight is outside the stated limits (see Specifications).
 - v. Pregnant women.
- B. Riders under the age of 16 years old should ride under adult supervision.
- C. Comply with local laws and regulations when riding this product. Do not ride where prohibited by local laws.
- D. To ride safely, you must be able to clearly see what is in front of you and you must be clearly visible to others.
- E. Do not ride in the snow, in the rain, or on roads which are wet, muddy, icy, or that are slippery for any reason. Do not ride over obstacles (including, but not limited to, sand, loose gravel, or sticks). Doing so could result in a loss of balance or traction and could cause a fall.
- F. Do not ride the Hovershoes in the rain. Riding in the rain may cause the Hovershoes to be immersed in water, resulting in function damage and even a risk of fire and explosion due to a wet battery pack. Damage and losses caused by water submersion are not covered by the Limited Warranty.
- G. Do not accelerate or decelerate suddenly. If the Hovershoes tilts back, you have reached the speed limit, slowdown. Do not overpower the speed limiter or you risk injury from loss of control, collisions and falls.
11. Do not attempt to charge your Hovershoes, if the charger or the power outlet is wet.
12. As with any electronic device, use a surge protector when charging to help protect your Hovershoes from damage due to power surges and voltage spikes. Only use the Gyroor supplied charger. Do not use a charger from any other product.
13. Use only Gyroor approved parts and accessories. Do not modify your Hovershoes. Modifications to your Hovershoes could interfere with the operation of the Hovershoes, resulting in serious injury and/or damage, and could void the Limited Warranty.

2. Packing List

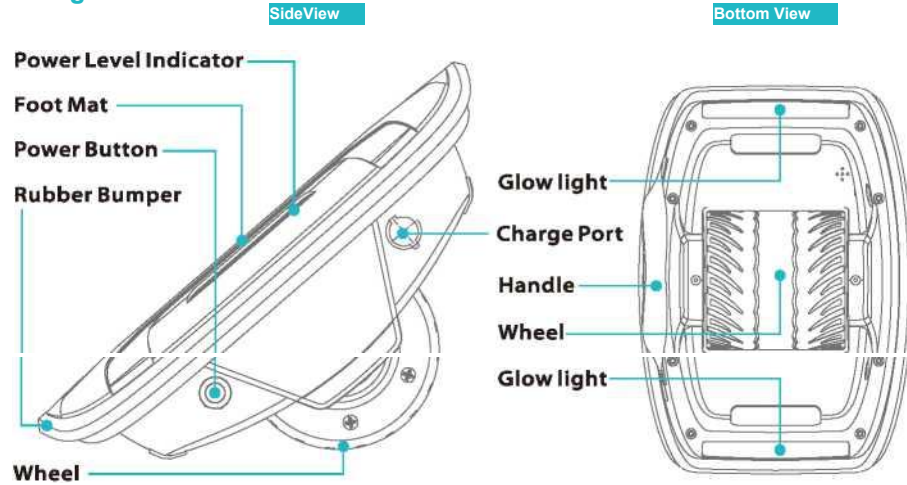


When unpacking your Hovershoes, please verify that the above items are included in the package. If you are missing any components, please contact your dealer/distributor or nearest service center.

Please retain the box and packaging materials in case you need to ship your Hovershoes in the future.

Always power off your Hovershoes and unplug the charge cable before cleaning.

B. Diagram



• Power ON/OFF:

⚠ **The Hovershoes must be on the ground when powered on or off. To avoid injury do not touch the wheel with any part of your body.**

• **Power on:** Press the power button, the power level indicator lights will turn on and the Hovershoes will beep once.

• **Power off:** Press the power button, the power level indicator lights will turn off and the Hovershoes will beep once.

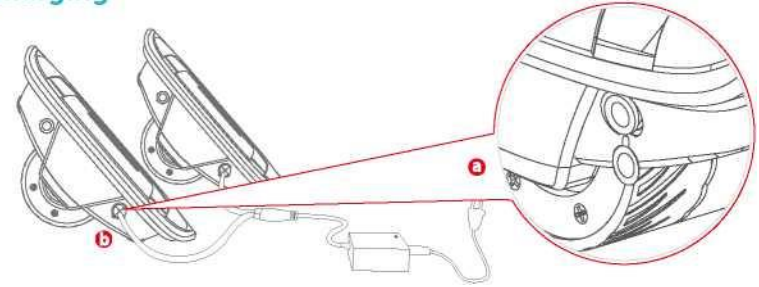
• **Glow light:** After the Hovershoes are powered on, if the electricity is more than 40%, the Hovershoes will show a green light; if the electricity is less than 40%, the Hovershoes will show a yellow light; if the electricity is less than 10%, the Hovershoes will show a red light.



● **Handle:** While the Hovershoes are powered off, use the handle to lift and carry.

⚠ **Always turn off the Hovershoes before you lift it off the ground.**

4. Charging



a Open the rubber cap

b Insert the plug into the charge port

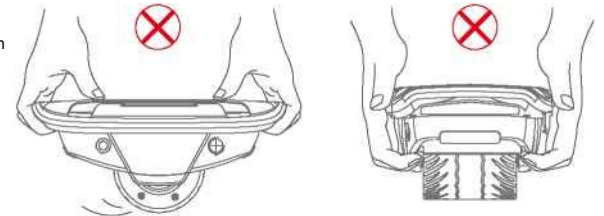
* **You can charge both mainframes at the same time.**

Your Hovershoes are fully charged when the LED on the charger changes from red (charging) to green (trickle charge). Close the rubber cap when not charging.

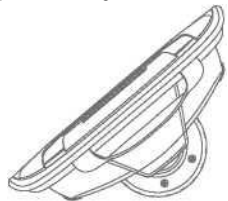
5. Before riding

⚠ There are safety risks when learning to ride the Hovershoes. You must read this User Manual and follow the New Rider Tutorial by scanning the QR code on the Welcome Card before your first ride.

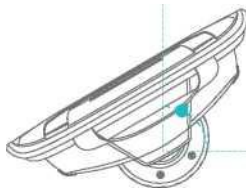
⚠ Whenever the Hovershoes are powered on, they must stay on the ground. To avoid injury, do not touch the wheel with any part of your body.



Standby Mode: The Hovershoes will enter Standby Mode when the Hovershoes are powered on and parked on the ground.



Balance Mode: The Hovershoes will enter Balance Mode when they are gently touched on the tilted end.



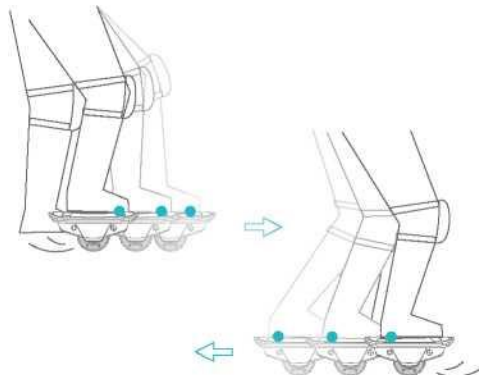
If the Hovershoes do not detect a rider within 3 minutes after entering Balance Mode, the Hovershoes will be powered off automatically.



A Do not press the edge of the Hovershoes while in Balance Mode if you are not riding it. Doing so could force the Hovershoes to move rapidly. It may lead to serious injuries for you or others.

Features

- There is no front or back of the Hovershoes. You can step on from either direction.
 - When the Hovershoes are in Balance Mode, place one foot on the middle of the mainframe's foot mat. Give gentle pressure on the front end of the foot mat, the Hovershoes will go forward; give gentle pressure on the rear end of the foot mat, it will go backwards.
- * If the Hovershoes cannot enter Balance Mode and beep an alarm, try restarting them. If the problem persists, please contact after sales service.**
- The Hovershoes are very sensitive. Relax when riding and keep your center of gravity steady.



6. Learning to Ride



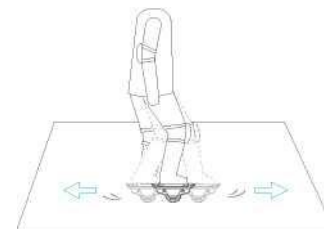
WARNING
Rider must weigh between 22–220 lbs (10–100 kg)



Wear an approved helmet and other protective gear to minimize any possible injury.

1. Vehicle Control Practice

- Turn on one mainframe, put single foot on the middle of the foot mat, then swing back and forth to feel the control.
- Switch to the other foot, then swing back and forth to feel the control.



2. Get Ready

Ask a friend to assist you on your first ride. Go to a large open area. Place both mainframes shoulder width apart and put them into Balance Mode.



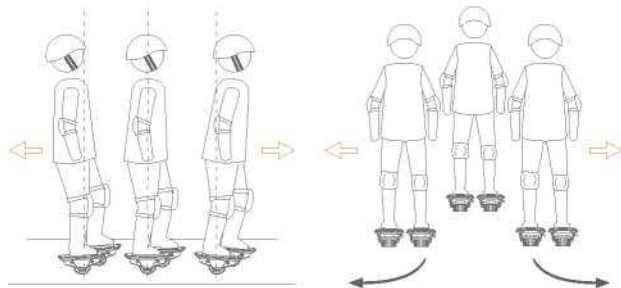
3. Stepping On

With assistance from your friend, put one foot on the middle of the mainframe's foot mat. When comfortable, stand straight and look straight ahead while stepping up with your other foot. Try to avoid rocking back and forth.



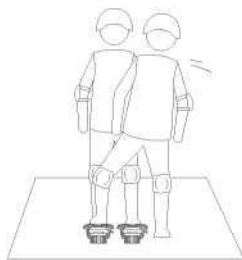
4. Ride

With your friend nearby, slowly lean forward and feel the Hovershoes move forward. Slowly lean backward and feel it move backwards. Turn your whole body left or right gently to turn the Hovershoes.



5. Stepping Off

To step off, gently slow down to a controlled stop. Slowly shift your weight to one foot and place your opposite foot on the ground.

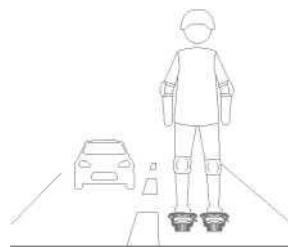


7. Learning More

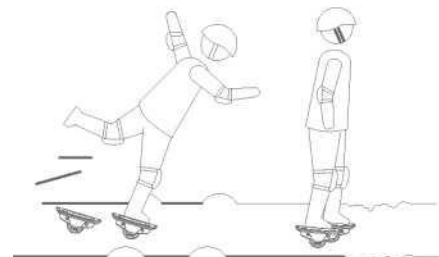
Scan the QR code on the Welcome Card to follow the NewRiderTutorial before you ride and to learn more ways to play.

8. Warnings

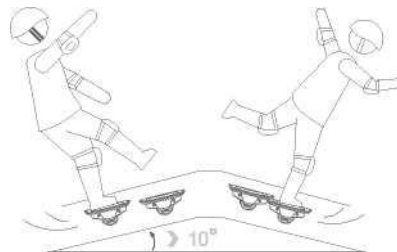
⚠ You must read and understand the Warnings and Riding Safety instructions in this manual before attempting to ride the Hovershoes. Failing to follow these warnings could result in death or serious injury due to: loss of balance, traction or control; collisions; falls.



⚠ Do not ride on public roads, motorways, highways, or streets.



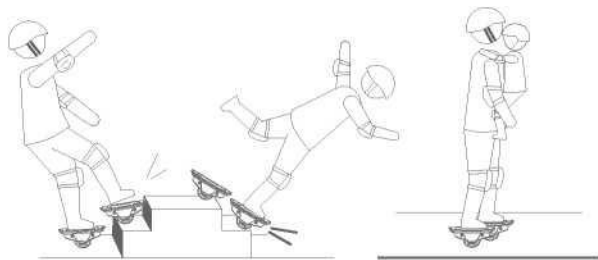
⚠ Do not traverse bumps or uneven terrain.



⚠ Avoid slopes steeper than 10°.

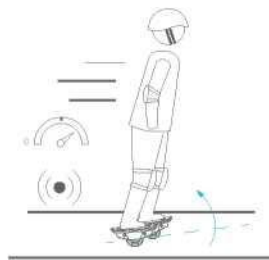


⚠ Do not ride through puddles or other bodies of water. Do not get the Hovershoes Drift wet.

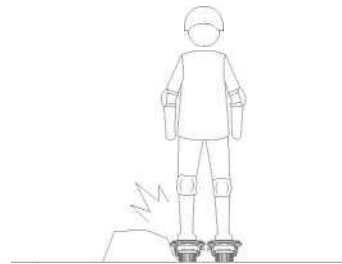


⚠ Do not ride over holes, curbs, steps, or other obstacles.

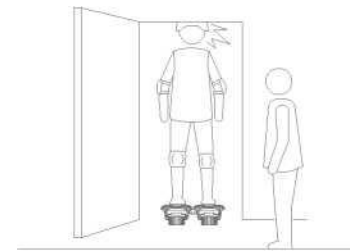
⚠ Do not carry any passengers. Do not carry a child. Do not ride when pregnant.



⚠ Do not accelerate when the Hovershoestilt backsound an alarm. Do not accelerate when the speed limiter is activated. Slowdown.



⚠ Avoid contacting obstacles with the tire/wheel



⚠ Watch your head when passing through doorways.



⚠ Do not attempt stunts of any kind. Always keep both feet on the foot mats.



⚠ Do not rock back and forth or shift your weight abruptly.



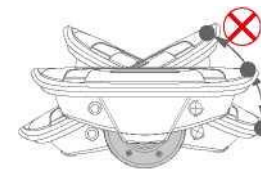
⚠ Do not ride on low traction surfaces (including, but not limited to, wet ground, loose sand, loose gravel, and ice).



⚠ Do not lift the Hovershoes when powering on or after powered on. The wheels will spin, causing a high risk of injury.



⚠ Do not ride with high heels. Always ride with properly strapped closed toe shoes.



⚠ Do not press the edge of the Hovershoes while in Balance Mode if you are not riding them. Doing so could force the Hovershoes to move rapidly. It may lead to serious injuries for you or others.

9. Calibration and Alarms

• Calibration

When in Balance Mode, if the Gyroshoe moves forward or backward on its own on flat ground, it needs to be calibrated.

If the problem persists, please contact after-sales service.

To Calibrate the Gyroshoe:

Place the Gyroshoe upside down on flat ground and power it off, press the power button for 5 seconds till you hear it beep 3 times. This will complete the calibration.



⚠ Once powered on, the Gyroshoe must stay on the ground. To avoid injury do not touch the wheel with any part of your body.

• Alarms

a. Overheating

Riding for an extended period of time could increase the internal temperature of your Hovershoes in excess of 122°F (50°C). If this happens, the glow lights will flash red, an alarm will sound and your Hovershoes will not be able to charge. Simply step off the Hovershoes, power them off, and give them time to cool back down to a normal operating temperature.

⚠ To avoid injury, do not touch or ride the Hovershoes while there is an alarm and the glow lights are flashing red.

b. Other Alarms

For any other alarms, try restarting your Hovershoes. If the problem persists, please contact after-sales service.

10. Maintenance

Cleaning and Storing Your Hovershoes

Use a soft, wet cloth to wipe the mainframe clean. Stubborn dirt can be scrubbed with a toothbrush and tooth paste, then cleaned with a soft, wet cloth.

NOTE

Do not wash your Hovershoes with alcohol, gasoline, acetone, or other corrosive/volatile solvents. These substances may damage the appearance and internal structure of your Hovershoes. Do not wash your Hovershoes with a power washer or high pressure hose.

⚠ WARNING

Make sure the Hovershoes are powered OFF, the charging cable is unplugged, and the rubber cap on the charge port is tightly sealed before cleaning; otherwise you may expose yourself to electric shock or damage the electronic components.

Store your Hovershoes in a cool, dry place. Do not store them outdoors for extended periods of time. Exposure to sunlight and temperature extremes (both hot and cold) will accelerate the aging process of the plastic components and may reduce battery life.

Battery Pack Maintenance

Do not store or charge the battery at temperatures outside the stated limits (see Specifications). Do not expose the battery to fire. Do not discard or destroy the battery. Refer to your local laws and regulations regarding battery recycling and/or disposal.

A well maintained battery can perform well even after many miles of riding. Charge the battery after each ride and avoid draining the battery completely. When used at room temperature (70°F [22°C]) the battery range and performance is at its best; whereas using it at temperatures below 32°F (0°C) can decrease range and performance. Typically, at 14°F (-10°C) range can be half that of the same battery at 70°F (22°C). Battery range will recover when temperature rises.

NOTE

Typically, a fully charged battery should retain charge for 120-180 days. Remember to charge the battery after each use. Completely draining the battery may cause permanent damage to the battery. Electronics inside the battery record the charge-discharge condition of the battery; damage caused by over-discharge or under-discharge will not be covered by the Limited Warranty.

⚠ WARNING

WARNING - Risk of Fire-No User Serviceable Parts

AVERTISSEMENT- Risque d'incendie-Aucune des pièces ne peut être réparée par l'utilisateur

Units are not intended for use at elevations greater than 2000 m above sea level

Prolonged Exposure to UV Rays, Rain and the Elements May Damage the Enclosure Materials. Store Indoors When Not in Use.

11 .Specifications

Product	Name	Hovershoes S300
Dimensions	Unit (single wheel)	251.9x178.2x111.2 mm
Weight	Payload	22-220 lbs (10-100 kg)
	Net (single wheel)	Approx. 7.7 lbs (3.5 kg)
Rider	Recommended Age	64- years old. See the weight limit
Machine Parameters	Max. Speed	Approx. 6.5 mph (10 km/h) Top speed will vary based on riding style and remaining battery life. Top speed will be reduced when the battery is low.
	Typical Riding Time [1]	40 minutes
	Max. Slope [2]	10°
	Traversable Terra in	Flat, hard ground free of bumps or obstacles
	Operating Temperature	14-104°F (-10-40°C)
	Storage Temperature	-4-122°F (-20-50°C)
	Max. Storage Time	A) prox. 180 days/100% power; Approx, 30 days/30% power
	Charge Time (for both mainframes)	Approx. 3 hours
Battery	Nominal Voltage	25.2 VDC
	Max. Charging Voltage	29.4VDC
	Charging Temperature	50-110°F (10-45°C)
	Nominal Capacity	2AH*2
	Battery Management System	Over-voltage, under-voltage, over-current, short circuit, and over-heating protection. Auto-sleep, auto-balance, and auto-wake.
Motors	Max. torque (single wheel)	6Nm
Charger	Output Power	43.5W
	Input Voltage	100-240 VAC
	Output Voltage	29.4V
	Output Current	1.5A

[1] Typical Riding Time: tested while riding under full power, 165 lbs (75 kg) load, 77°F (25°C), 5 mph (8 km/h) average speed on flat hard ground.

[2] Max. Slope: tested while riding with the payload of 165 lbs (75 kg) and speed less than 3 mph (5km/h).

12. Certification

Electromagnetic Compatibility Directive & Low-Voltage Directive



Shenzhen Chitadotechnology Co., Ltd, declares thatthe equipment listed in this section are in compliance with the essential requirements and other relevant provisions of Directives 2014/30/EU & 2014/35/EU.

13.Trademarkand Legal Statement

GYROOR and Hovershoes are trademarks of Shenzhen Chitadotechnology Co., Ltd, registered in China and other countries. The respective owners reserve the rights of their trademarks referred to in this manual.

The Hovershoes is covered by relevant patents. For patent information go to <http://www.gyrorboard.com>.

We have attempted to include descriptions and instructions for all the functions ofthe Hovershoes at the time of printing. However, your Hovershoes may differ slightly from the one shown in this document.

Please note that there are multiple Hovershoes models with different functions, and some ofthe functions mentioned herein may not be applicable to your unit.The manufacturer reserves the rightto change the design and functionality ofthe Hovershoes productand documentation without prior notice.

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