

# Rull

**HY-A02 Hover Board  
Nitrox Flash**



## Rull HY-A02 Hover Board Nitrox Flash User Manual

[Home](#) » [RULL](#) » Rull HY-A02 Hover Board Nitrox Flash User Manual 

### Contents

- [1 Rull HY-A02 Hover Board Nitrox Flash](#)
- [2 Safe use double intelligent drift scooter](#)
- [3 Learn to Drive Drifting Scooter](#)
- [4 Driving Safety Instruction](#)
- [5 Batteries Charging and Maintenance](#)
- [6 Battery Parameters](#)
- [7 Frequently Asked Questions](#)
- [8 Documents / Resources](#)
  - [8.1 References](#)

# Rull

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## **Safe use double intelligent drift scooter**

### **About Safety Use**

We hope all drivers can drive safely two-wheel intelligent drifting scooter, and have fun brought by the drifting scooter. You can try to recall your learning to ride a bicycle, drive a car, or use other vehicles, all these experiences can be helpful for you to control this scooter and enjoy yourself more. Please carefully read through this User Manual before driving, and check the scooter every time before use to see if the tire is worn out, any parts or bolts are getting loose. If see anything not normal, please contact local shop/distributor to repair or maintain it.

- Please read the instruction, you will get a lot of important safety information, including the speed limit, indicator light warning, safety shutdown.
- Please drive the scooter safely and do not to endanger other people's personal or property safety.
- Please do not modified drifting scooter parts, which not only affects performance of the drifting scooter and may even lead to serious harm or accident to yourself and others.

### **Limited Weight of the Driver**

- There are two reasons for weight limit: 1. Ensure the safety of drivers 2. Reduce damage rates to the drifting scooter by overloading Drivers' biggest weight limit: 100 kg.
- The driver of the minimum weight limit: 20 kg.

### **WARNING! Overloading leads to falling of driver**

### **Storage&Abandon**

- please put this product indoors in good condition in case of rain, snow and/or other bad environment. Please don't put this product in high places
- Correct Disposal of this product :

This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it

responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.

### **Distance There are many factors affecting the distance.**

- a. Terrain: Drive longer on smooth and flat road than other road
- b. Loading: Weight of driver will affect the distance
- c. Temperature: Store at the recommended temperature increase the distance
- d. Maintenance: Reasonable and timely battery charge will lead to longer distance
- e. Speed and drive style: Middle speed last longer distance and frequent start/stop, speed up, slow down will decrease the distance

### **Speed limit**

Max speed: 12 km/h

If the real speed over max speed, there will be warning sound and the deck will lift to slow the speed In the normal speed, drivers can control balance easily but will out of control if speed too high and lead to falling.

WARNING! Please have professional or other peoples to assist when first time drive in case falling down to hurt and other accidents.

### **Learn to Drive Drifting Scooter**

Please carefully read through all the terms in the user manual to have full understanding of the scooter so that you can safely drive it and enjoy yourself.

### **Intelligent drifting scooter steps**

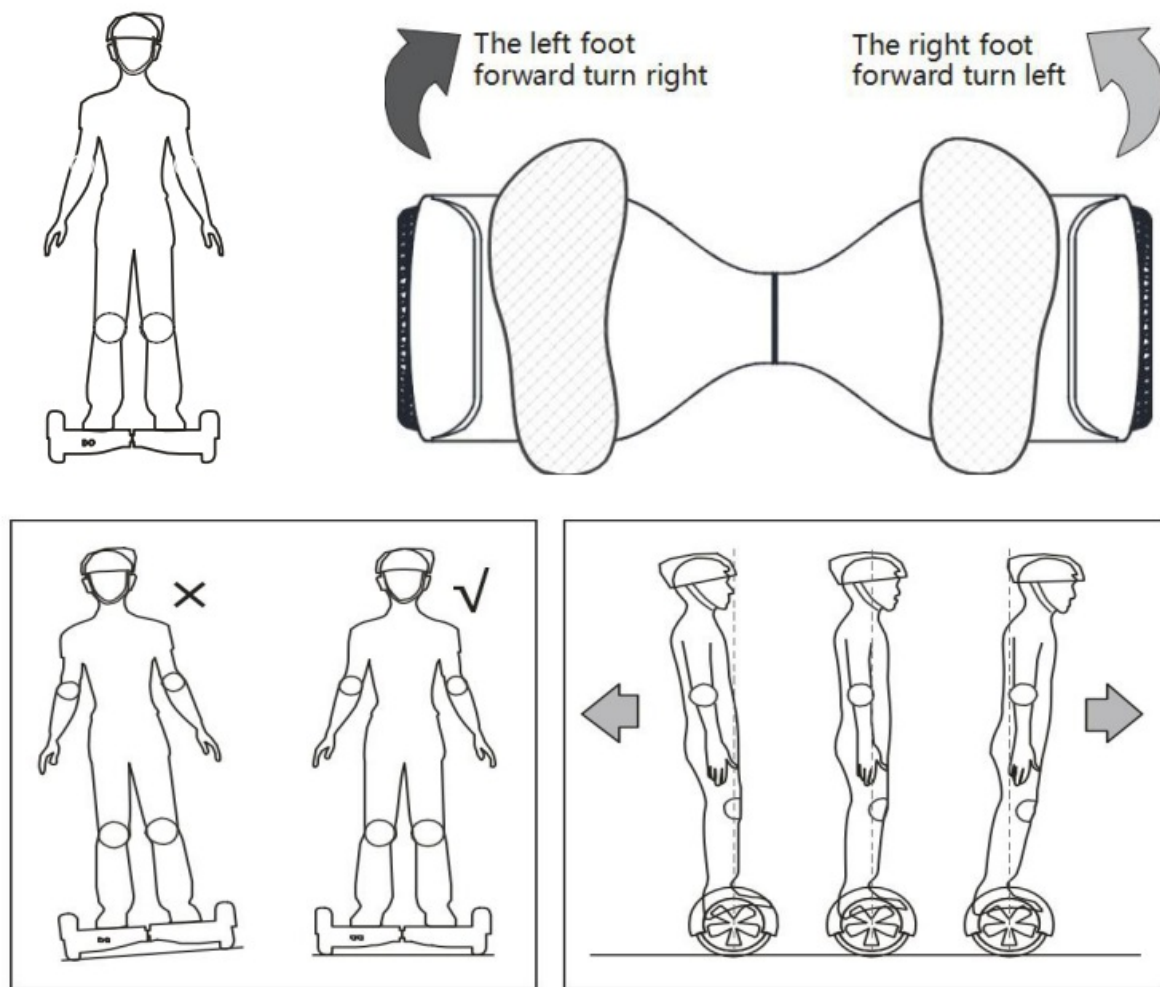
Step 1. Start the smart drifting scooter, press the power switch for about 3 seconds till the green light on

Step 2. Put one foot on the deck with the trigger switch operation indicator light on, balancing system automatically start into the state and find the balance, then you can put on the other foot. Get your balance first when both feet on and can forwarder.

Step 3. Manipulation of the drifting scooters after successful standing balance of center of gravity, the intelligent drifting scooter mobile will remain stationary state. Small forward or backward through the body to control the smart drifting scooter forward or backward Remember that the body movement range cannot be too big. If the deck of the drifting scooter not in level state when the trigger is on, the beep will alarm and alarm indicator light on, before the system into automatic balance state, prohibiting driving.

Step4:Direction controlof driftingscooter

Step5:Getoff. Stop moving the scooter static or a little forward, get one of your feet off first from the rear( not front), and the other foot follows togetoff.



## Warning

### Intelligent Drifting Scooter Driving Drawing

Prohibited to turn quickly at high-speed which leads to danger. Please do not drive close or turned on the slopes, it will lead to intelligent drifting scooter balancing angle offset, risk safety of the driver.

In the process of driving, if the system errors or irregularities, it will warn drivers in different ways. At this moment, stop driving, alarm light is normally on, buzzer intermittent singing alarm, system cannot enter into the balance model.

- When get on, the platform forward or back more than 10 degrees.
- The battery voltage is too low. In the process of charging.
- Driving process, deck lifting, and operation is prohibited.
- Over speed
- Low battery
- Scooter unit back and forth shaking for more than 30 seconds
- System into protection mode, alarm light is normally on, buzzer at a high rate in the process of alarm driving
- Platform forward or back more than 35 degrees, directly into the stop condition Tire locked-rotor, into the stop condition in 2 seconds
- The battery voltage is lower than the protection number, into the stop condition in 15 seconds
- Continue large current discharge (such as long time up a long slope), enter the stop condition after 15 seconds.

## **WARNING!**

When smart drifting scooter is in the off status, the system will automatically lock. It can be unlocked by pressing lock button. When the battery runs out or the system into protection mode, please stop driving immediately as the scooter cannot enter into balance status. If they continue driving, the driver will get hurt. Low battery driving will also affect the life of battery.

## **Intelligent Drifting Scooter Driving Practice**

Before you drive smart drift outdoors, for your safety, please ensure that you are skillful in driving a drifting scooter:

- Please wear comfortable, casual sports clothes and flat shoes, let the body maintain flexibility.
- Please practice intelligent drift at a spacious area until you can easily get on/off, forward, backward, turn, and stop.
- Please note if the ground flat
- You can practice at different terrain, must slow down at unfamiliar terrain. At no time to have drifting scooter off the ground
- Smart drifting scooter is designed for flat ground using only for entertainment.
- If not skillful enough, please do not drive it on the place where people going by or anywhere with blocks. When crossing door, please be careful of your head and make sure the height and width can go through.

## **Driving Safety Instruction**

The section highlights a few safety knowledge and warning statements, make you aware the safety factors during use of intelligent drifting scooter. In order to ensure that you can safely drive drift please be sure to read the operation instruction use manual and comply with the relevant safety instructions. Please pay attention to safety warnings and operation matters on the use manual. Full understanding of these security matters can improve your driving safety and pleasure. Under many circumstances to use smart drifting scooter, you may lose control, collision and fall and cause harm. In order to avoid hurting, you must carefully read and refer to instruction manual instructions to drifting scooter driving. Please ensure scooter is in good condition, and carefully read and be familiar with all materials provided by company before using this product.

- When you learn drifting scooter, please make sure safety precautions on hand, including wearing a helmet, knee and elbow pads, etc.
- Intelligent drifting scooter applies only to personal entertainment, it is prohibited to use as public transportation vehicle and drive on public road.
- It is strictly prohibited on the vehicle road to use the company's products
- Children (at least 10 years old) should be protected by the adults when using this scooter. People with a history of heart disease, high blood pressure, and lack ego and consciousness to protect are not allowed to use this scooter. Pregnant women and disabled people are prohibited to use
- No driving after drinking or drugs and do not load goods to drive.
- Please care your front and distant things, good vision ensure your safety driving drifting scooter.
- Relax your feet, keep knees slightly bent, which will make you in balance when going through Not flat terrain
- During moving, ensure that your feet always stay on the deck
- Please wear suitable sports clothes to use drifting scooter so that you can better handle emergency situations.
- Drifting scooter can only load one person, cannot be driven for two people at the same time.

- Total loading including driver's weight and things driver carried should not over the max loading of drifting scooter or it is more easy to lose control and falling during driving and also affect performance of scooter. On the other hand, the weight should also no less than the minimum weight or the driver can not control the scooter especially on when go down slop, not easy to slow down and stop.
- Must keep a speed that can ensure the safety of both driver and others, easy to slow down and stop.
- When you are driving drifting scooter together with other drivers, please keep enough distance to avoid collision with each other.
- When you are together with other users of drift driving drifting scooter while driving, please keep a certain distance between each other in order to avoid a collision.
- Please notice that you have about 10cm higher on scooter than on the ground so that you need keep this in mind to avoid your head hitting the door when go through it.
- Pay attention to the balance of gravity, prevent falling due to balance losing or too high speed.
- Don't get distracted when driving drifting scooter, such as answering the phone, listen to music, or engage in any other activities.
- Do not drive on the wet slippery road, long distance driving backwards, high-speed backwards, high-speed backwards and turning, over speed driving are prohibited and dangerous.
- This drifting scooter is designed as personal entertainment products but not medical apparatus and instruments. It is only used out of any external force.
- Do not drive scooter at the dim light or dark place.
- Do not drive on the road with obstacles or slippery place, such as snowfield, ice land and wet floor.
- Please do not drive on the roads/places with twig, trash, or small stones.
- Do not drive on the roads/places with an obstacle or in the narrow space.
- Please drive on the condition where suitable for scooter driving. If need permission, please get permission first.
- Please do not start or stop suddenly.
- Avoid driving on a deep slope.
- Prohibited in unsafe environment using smart drifting scooters, including flammable gas, steam, liquid, dust, or fiber and other things which may cause dangerous events, such as fire or explosion.

## **Batteries Charging and Maintenance**

This chapter mainly descript charging method, how to maintain the battery, safety attentions and the battery specifications. For safety of driver and others and maximum battery life and improve battery performance: please be sure to charge battery and maintenance according to the following instructions.

### **Lack of battery power**

Red power indicator light shows low battery power and it is suggested to stop driving right way. When the battery is low, there is not enough energy for normal driving, the base platform automatically lift and forbids operators continue to use. If you insist on driving at this time, it is very easy to fall down and get hurt and affect the battery use life.

- If there any of following cases occurs, do not use the battery
- Emit some abnormal smell or a high heat.

### **Leak out of any material.**

- Only a professional person can disassemble the battery and maintenance
- Don't touch the battery leakage of any material.
- Don't let the children and animals to contact battery. pull out the charger before install battery or driving. It is dangerous to drive or use scooter when it is under charging
- Batteries contain dangerous substances, do not open the battery, and do not insert any material into the battery.
- Only the original chargers provide by our company are allowed to charge the battery or it is dangerous
- Prohibit to charge lithium battery which is over-discharged. Over-discharged battery can only be abandoned because it is not safe to continue using
- Use intelligent drifting scooter battery under permission of the local laws

### **Charging Steps (Charge spec: 42V, 0.4A/Model:FY0184200400/Mfrs:shenzhen fuyuandian power co.,LTD)**

- Make sure the charging mouth is dry.
- Insert plug of the charger to the socket (100 – 240V; 50-60 Hz), confirm the charger green indicator light is normal lights up, then put the charger on the other side of smart drifting scooter.
- When the red indicator light on, it is on normal charging process, otherwise please check whether the circuit connection is good.
- When the indicator light turns from red to green, suggests that battery is full. pull out the power end plug first and pull out the scooter end. Over charging will affect the battery use life.



- Please use the local standard plug.
- Please charge and store battery according to the rules, otherwise it will affect the battery life and even damage the battery.
- Standard charging time is about 2 hours, over charging will affect the battery life.
- Please charge battery at a clean and dry condition
- Prohibit to charge if the charge mouth is wet

### **Temperature Too High or Too Low**

- If want to make the smart drifting scooter the highest efficiency, the temperature of the battery must be within the marked temperature range. Temperature must be within the recommended temperature before charging and during charge process. Close to the recommended temperature, the charging efficiency is the highest. If temperature too low or too high, charge time will be longer or battery cannot be fully charged

### **Battery Parameters**

Item	Parameter
Battery type	Lithium battery
Charge time	3- 5 hours
Voltage	36V
Initial Capacity	2Ah
Working temperature	-5°C~ 40°C
Charging temperature	0 °C ~40 °C
Storage time (-5°C ~25°C)	12 months
Stored relative humidity	5% ~ 95%
Charging power	100-240V~50/60Hz 0.8 Max
Load	20-100kg
Max speed	12km/h

## Battery Shipping

### WARNING!

Lithium battery is considered to be dangerous goods, need to get permission of local law allows during transportation.

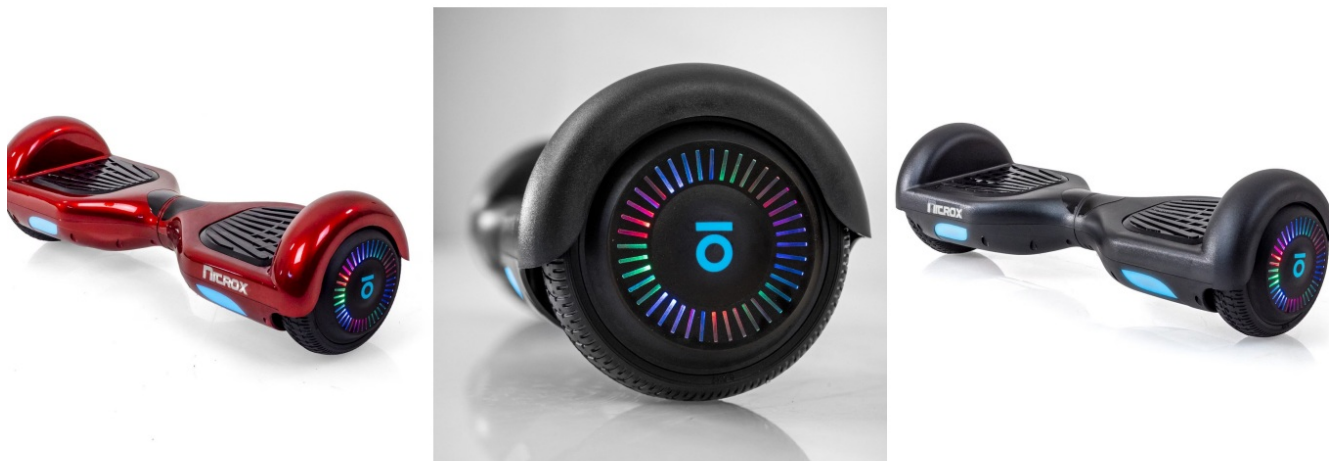
### NOTE :

If you need to deliver the two-wheel intelligence drifting scooter with lithium-ion batteries by plane, or to deliver lithium-ion batteries by any other ways of transportation, please contact the shipping companies and manufacturer/agents/distributors to confirm.

WARNING: Risk of Fire – No User Serviceable Parts

WARNING: Device are not intended for use at elevations greater than 2000 m above sea level.

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






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## Frequently Asked Questions

- **Q: What should I do if the drift scooter exceeds the maximum speed?**
  - **A:** If you hear a warning sound and notice the deck lifting to slow down, reduce your speed immediately to stay safe.
- **Q: How can I dispose of the product responsibly?**
  - **A:** Please recycle the product through designated return and collection systems or contact the retailer for safe disposal.

## Documents / Resources

	<p><a href="#">Rull HY-A02 Hover Board Nitrox Flash</a> [pdf] User Manual</p> <p>HY-A02 Hover Board Nitrox Flash, HY-A02, Hover Board Nitrox Flash, Board Nitrox Flash, Nitro x Flash</p>
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## References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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