

# **SWAGTRON®**

## **USER MANUAL**

Ver. 1.0 08/31/20

In order to continue serving our customers and providing the best products, our product information including our user manuals may receive updates from time to time. Please check our website for the latest user manuals and product materials.



**SWAGBOARD® T6**  
ADVANCED OFF-ROAD HOVERBOARD



# PROTECT YOUR DOME

## HELMETS SAVE LIVES

Helmets can reduce up to 85% of critical head injuries.

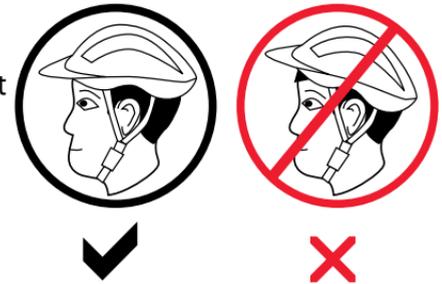
Elbow pads can reduce up to 82% of elbow injuries.

Knee pads can reduce up to 32% of knee injuries.

From <https://www.ncbi.nlm.nih.gov/pubmed/2716781>

**Always wear proper protective gear when riding. This includes knee and elbow pads and an age-appropriate helmet.**

- + Helmets should fit comfortably and snugly, covering the forehead but not hindering your field of vision.
- + The helmet should have a chin strap and buckle to keep the helmet in place.
- + The helmet should be made out of a hard, protective outer shell and an impact-absorbing inner layer at least 1/2-inch thick.
- + The helmet should be approved by the U.S. Consumer Product Safety Commission (CPSC), the Snell Memorial Foundation, or the American Society for Testing and Materials (ASTM).



## Contents

I – GENERAL INFORMATION .....	6
1.1 ABOUT THE SWAGTRON® .....	6
1.2 WHAT'S IN THE BOX? .....	7
1.3 WHAT'S NEW? .....	7
1.4 SAFETY NOTICE .....	8
1.5 IMPORTANT INFORMATION .....	10
1.6 DISPOSAL AT END-OF-LIFE .....	11
II – PRODUCT FEATURES .....	12
2.1 SWAGTRON® T6 DIAGRAM .....	12
2.2 SWAGTRON® SENTRYSHIELD® – PATENTED MULTILAYERED PROTECTION .....	13
2.3 LEARNING MODE / STANDARD MODE / ADVANCED MODE .....	14
2.4 MOVEMENT INDICATORS .....	14
2.5 USING Bluetooth® .....	16
III – HOW TO RIDE .....	18
3.1 OPERATING STEPS .....	18

## SWAGTRON T6 User Manual

3.2	DIAGRAM OF OPERATION .....	20
3.3	CALIBRATION .....	21
IV	SAFE RIDING TECHNIQUES .....	23
V	BATTERY INFORMATION .....	25
5.1	CHARGING THE SWAGTRON® .....	25
5.2	BATTERY LEVEL INDICATOR .....	27
5.3	RANGE PER CHARGE .....	28
5.4	SAFETY WARNINGS .....	28
VI	MAINTENANCE .....	31
6.1	CLEANING .....	31
6.2	STORAGE .....	32
6.3	TRANSPORTATION .....	32
VII	SWAGTRON T6 SPECIFICATIONS .....	33
	90-DAY Limited Hardware Warranty .....	34

## **I - GENERAL INFORMATION**

This User Manual will guide you through the functions and usage of your SWAGTRON. Before operating this vehicle, read all the instructions for safe assembly, charging, and operation.

Please inspect the SWAGTRON unit upon unpacking for any signs of physical damage or defects. Ensure that the SWAGTRON unit is fully charged before calibrating and using.

To learn how to charge the SWAGTRON, please see SECTION 5.1

If you have questions, or have misplaced the SWAGTRON manual, contact SWAGTRON before you attempt to use or return your SWAGTRON.

### **1.1 ABOUT THE SWAGTRON®**

The SWAGTRON is a self-balancing, personal transporter that uses gyroscopic technology to revolutionize the way you travel. Steering and stopping are controlled by dynamic equilibrium all based on the shifting of your body weight. It's simple to operate, easy to control, and looks incredibly cool!

A zero emissions product, the SWAGTRON is environmentally friendly and uses only the highest quality components and industry-leading safety features.

## **1.2 WHAT'S IN THE BOX?**

- + SWAGTRON T6 Off-Road Smart Board
- + Charging Adapter
- + User Manual

## **1.3 WHAT'S NEW?**

The SWAGTRON Off-Road Smart Board contains the latest technology from SWAGTRON, including all new features that make riding safer and more fun.

- + Casing made with tough aluminum and ABS materials for strength and durability
- + High grade aluminum-rimmed wheels with larger, air-filled tires for ample traction on-road and off
- + Wider, non-slip foot pedals for more comfortable riding
- + Ultra-high torque grants the power to handle inclines up to 30° and just about any kind of terrain
- + Battery Level Indicator - no more guessing on how much power is left!
- + Front and rear color-coded LED lights illuminate when you stop, go, or turn
- + A Learning Mode and a Standard Riding Mode allow you to tailor your riding experience
- + Exclusive built-in carrying handle for easy transportation



Additional safety features make SWAGTRON the most trusted brand for riders:

- + Patented “SWAGTRON Sentryshield®” aluminum alloy housing provides multilayered protection to the battery, mainboard, and gears from heat dispersion and fire hazards
- + Flame retardant materials are incorporated into the outer shell and parts of the SWAGTRON
- + Silicone coating is used to seal the PCB board and connections to protect against moisture and heat
- + Smart Battery Management within “SWAGTRON Sentryshield®” system protects the SWAGTRON from overheating or damage to the battery from overcharging
- + Metal foot guards protect your feet while offering full clearance for turning



## **1.4 SAFETY NOTICE**

The SWAGTRON has been designed with the utmost safety in mind for its riders. Through our meticulous design and engineering, extra precautions have been taken to protect the user from product hardware malfunctions.

However, like any mode of transportation, the SWAGTRON has inherent hazards associated with its use (losing control, falling off, or riding into a hazardous situation). Please read and be sure to follow all instructions and safety recommendations in this user manual prior to and when riding your SWAGTRON.

Before each ride, especially if you may travel a long distance, inspect your SWAGTRON. First, check the tires for

proper inflation and cracks on the walls of the tires. Keeping the tires properly inflated and maintained will help prevent flats and damage. If a replacement of the tires or any other part is needed, please contact customer support for replacement service.

This device requires coordination, agility, and balance. Use your best judgment to determine if an individual can use the SWAGTRON safely.

### **BUILT-IN STARTUP BALANCING**

The T6 has a built-in Startup Balancing feature which may be turned on or off via the SWAGTRON app. This feature enhances the unit's self-balancing feature by further stabilizing the board and ensuring that the pedals always face up. By default, this feature is turned off. When using this feature, if the rider falls or otherwise dismounts the unit while moving over an incline, the unit may continue to move on its own as it attempts to balance resulting in damage to others, surrounding obstacles, and/or the unit itself.

If you turn this feature on and decide to use it, it is recommended to ride only on surfaces which are completely flat with stable terrain. When the unit is on and this feature is on, do not place your hands or attempt to grasp the unit anywhere near the wheels or foot guards as doing so may cause the wheels to spin on their own for a brief moment. If lifting the unit when it is on and this feature is on, grasp it by the handle in the center and leave ample space between the wheels and other objects like clothing or hair etc.

Failure to adhere to these warnings and/or instructions will result in injuries including but not limited to: abrasions, lacerations, smashed fingers and/or amputation of fingers, injury of others, and damage to surrounding objects.

**IF YOU ARE EVER IN AN ACCIDENT, PLEASE CONTACT EMS / DIAL 911 IMMEDIATELY.**



Please see SECTION IV for safe riding techniques and additional safety information.

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

## 1.5 IMPORTANT INFORMATION



TO PREVENT ELECTRIC SHOCK, MATCH THE WIDER PRONG OF PLUG TO WIDE SLOT IN OUTLET. FULLY INSERT.



FCC Regulations state that any unauthorized changes or modifications to this equipment not expressly approved by the manufacturer could void the user's authority to operate this equipment.



This product satisfies FCC Regulations when shielded cables and connectors are used to connect the unit to other equipment. To prevent electromagnetic interference with electric appliances such as radios and televisions, use shielded cables and connectors for connections.

### DECLARATION OF CONFORMITY:

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.

### FCC RELATED INFORMATION:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment 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 no guarantee that interference will not occur in a particular installation. If this equipment 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 on a circuit different from that to which the receiver is connected.
- + Consult the dealer or an experienced radio/TV technician for help.

The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

IC Statement:

This device complies with industry Canada license exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

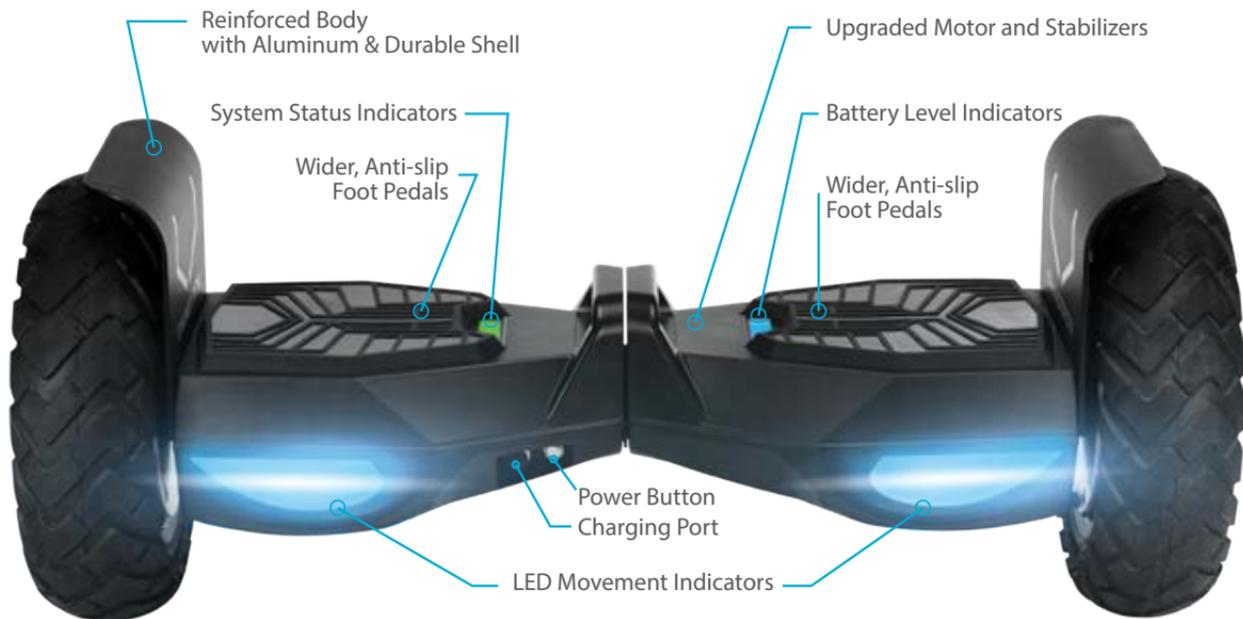
## **1.6 DISPOSAL AT END-OF-LIFE**

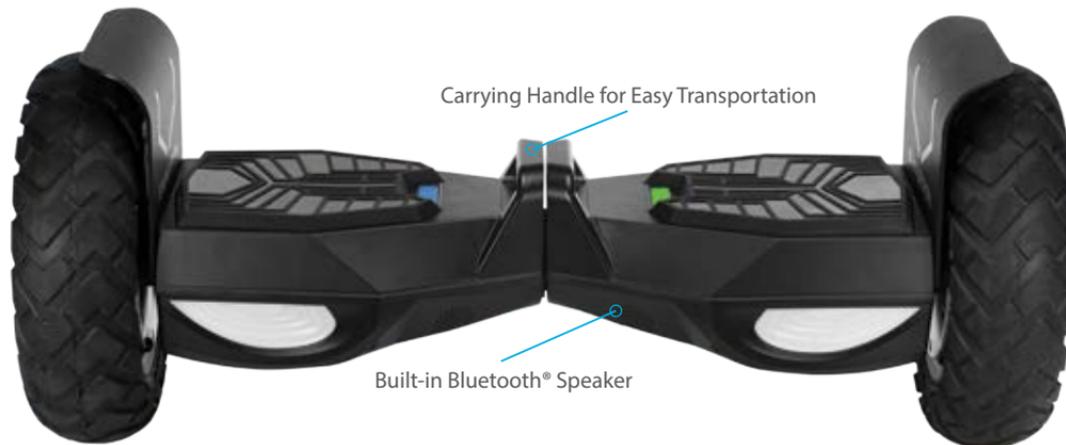
This product must not be disposed of by incineration, landfilling, or mixing with household trash. Improper disposal of the battery contained within this product may result in the battery heating up, rupturing, or igniting which may cause serious injury. The substances contained inside the battery present chemical risks to the environment. The recommended disposal for any Swagtron at its end-of-life is to dispose of the entire unit at or through an e-waste recycling center, program, or facility. Local regulations and laws pertaining to the recycling and disposal of lithium ion batteries and/or products containing them will vary according to country, state, and local governments. You must check laws and regulations corresponding to where you live in order to properly dispose of the battery and/or unit. It is the user's responsibility to dispose of their waste equipment properly with accordance with local regulations and laws.

For additional information about where you should drop off your batteries and electrical or electronic waste, please contact your local or regional waste-management office, your household waste disposal service, or your point-of sale.

## II - PRODUCT FEATURES

### 2.1 SWAGTRON® T6 DIAGRAM





Carrying Handle for Easy Transportation

Built-in Bluetooth® Speaker

## **2.2 SWAGTRON® SENTRYSHIELD® – PATENTED MULTILAYERED PROTECTION**

Your safety is our top priority. That's why all SWAGTRON devices use a premium quality lithium-ion battery pack that is specifically designed with your well-being in mind.

The battery housing used in SWAGTRON SentryShield® technology is made of aluminum, which provides an airtight seal enclosing the battery. This adds a level of protection for the mainboard from overheating. A protective silicone gel layer on the PCB mainboard maintains consistent temperatures and avoids short circuiting.

Topping it all off is a Smart Battery Management System (BMS) that constantly monitors and helps protect the battery against:

- + Overvoltage
- + Temperature increases
- + Overcharging
- + Overcurrent and short circuit protection

For more information on the battery specifications, see SECTION V.

## **2.3 LEARNING MODE / STANDARD MODE / ADVANCED MODE**

The SWAGTRON T6 includes three riding modes in order to provide all types of riders with the best experience possible.

Easily switch between Learning and Standard Mode directly on your smart board. After pressing the power button to power on the board, quickly press the power button a second time. A confirmation beep will emit when the SWAGTRON changes modes.

Modes can also be changed via the SWAGTRON app which is available in both the App Store and Google Play Store. The Advanced Mode can only be activated through the SWAGTRON app.



## **2.4 MOVEMENT INDICATORS**

The SWAGTRON includes movement indicators to let others know when you're on the move. Always keep a safe distance from other riders and use your best judgment when riding !

Movement Indicator Color	Action
 <p data-bbox="471 221 517 242">Red</p>	<p data-bbox="575 149 1422 211"><b>BRAKING</b> - Red lights indicate slowing/stopping, unexpected pauses, or sudden movements.</p> <p data-bbox="575 211 1422 317">Lights illuminate on the rear of the board when coming to a stop from forward motion. Lights illuminate on the front of the board when coming to a stop from backward motion.</p>
 <p data-bbox="471 377 517 397">Blue</p>	<p data-bbox="575 356 1422 418"><b>ACCELERATION</b> - Blue lights on the front of the board indicate forward motion.</p>
 <p data-bbox="471 522 517 542">Green</p>	<p data-bbox="575 501 1422 563"><b>TURNING</b> - Flashing green lights on the front of the board indicate turning direction.</p>

 **NOTE:** For your safety, the Indicators cannot be turned off.

## 2.5 USING Bluetooth®

1. Power on the SWAGTRON to automatically turn on Bluetooth. The SWAGTRON will make a sound to indicate that Bluetooth® is on and awaiting possible connection.
2. Using your mobile device, turn on Bluetooth®, make it “discoverable” if needed, then search. “Swagtron” & “Swagtron music” should appear.
3. Select “Swagtron music” to begin connecting if you would like to play music on your T6. Connect to “Swagtron” through your SWAGTRON app and enter the default password (000000) if prompted. The app can be used to switch modes and monitor your SWAGTRON T6 battery status. The SWAGTRON will make a sound to indicate that the devices have been successfully connected and/or paired.
4. After successfully connecting and/or pairing your SWAGTRON and your device/app, you may begin playing music or using SWAGTRON app at any time.
5. To end the connection between the devices, turn off Bluetooth on your mobile device. The SWAGTRON will make a sound to indicate that the devices have been successfully disconnected.

Bluetooth® Specification

Bluetooth® V2.1 +EDR

Speaker Specification

4Ω 3W/2Ω 5W

In order to properly connect to the app, Bluetooth V4.0 is required from your mobile device.



Notes:

- + The SWAGTRON will make different sounds to indicate different states:
  - 1.) On and awaiting connection
  - 2.) Connection/pairing successful

### 3.) Connection terminated

- + Powering on the SWAGTRON will automatically enable Bluetooth® i.e. Bluetooth® will become enabled and stay enabled as long as the SWAGTRON is powered on.
- + Some mobile devices immediately become “discoverable” once Bluetooth® is activated. Please check the instructions of your Bluetooth®-enabled device for any trouble with this feature.
- + As with most Bluetooth® devices, it is recommended to keep the connected devices within a reasonable distance from one another. The connection may be terminated or fail to work properly if the connected devices are too far apart.

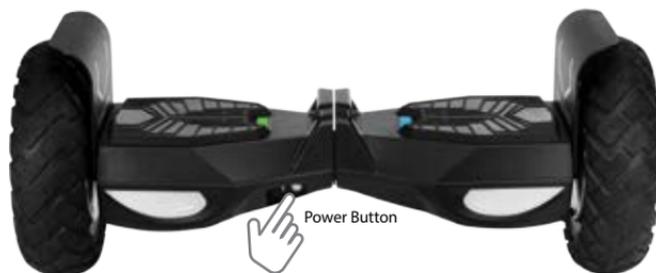
### III – HOW TO RIDE

Get ready to ride with swag! The below instructions will ensure that you have a comfortable and safe riding experience with your SWAGTRON unit. Please read it carefully as this information is very important.

#### 3.1 OPERATING STEPS

Before you begin operation, charge your SWAGTRON unit with the included power adapter. Charging time can take up to 2–3 hours. For detailed information on how to charge your SWAGTRON, see Section 5.1.

1. Press the POWER BUTTON to turn on your SWAGTRON unit.
2. Step on one PEDAL to trigger the sensors. The system will enter self-balancing mode. Then step on the second pedal with your other foot quickly.
3. Stand upright but relaxed. Do not make any sudden or jerking movements.



#### **Step 1**

Press the Power Button to turn on your Swagtron.



#### **Step 2**

Step on one PEDAL to trigger the foot-switch. System will enter self-balancing mode with system indicator light flashing.

The SWAGTRON has 4 sensors below the pedals. When the rider steps on a pedal, the SWAGTRON will adjust itself to balance automatically.

If the SWAGTRON does not enter self-balancing mode when triggering the sensors, the System Indicator will light up to indicate the error. **DO NOT** operate the SWAGTRON under these conditions. Please power the unit off and back on again. If this fails to work, please calibrate the SWAGTRON by following the instructions in section 3.3.



If you are on a slope and encounter an error, move the SWAGTRON to a flat area. If you are still receiving the warning light or alarm sound, contact SWAGTRON technical support immediately.



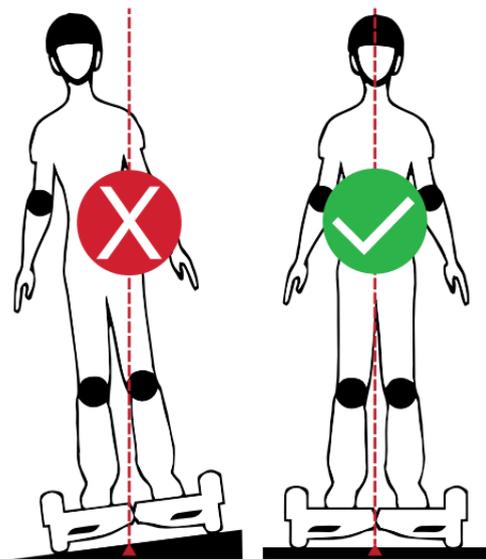
**NOTE:**

When riding the SWAGTRON, you must make sure both feet are touching the pedals for proper detection. Do not put other objects on the pedals as this could cause the system to lock or self-drive.



**NOTE:**

- + Do not tilt forward or backwards beyond 10° degrees as the unit may malfunction.
- + The SWAGTRON will not function if your unit flips upside down.
- + Avoid uneven or rocky surfaces as the SWAGTRON may not function properly.
- + Avoid hills or slopes with inclines over 30°.



+ When the operator exceeds the maximum speed, a warning alarm will emit from the speaker.

## **3.2 DIAGRAM OF OPERATION**

The SWAGTRON self-balances and moves because of dynamic equilibrium. This is generated by the shifting of your body weight and uses an internal gyroscope with acceleration sensors to move based on your center of gravity. When you lean forward, the SWAGTRON 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 towards the opposite direction.

### **MOVE FORWARD**

Shift your weight forward to move directly ahead.

### **STOP**

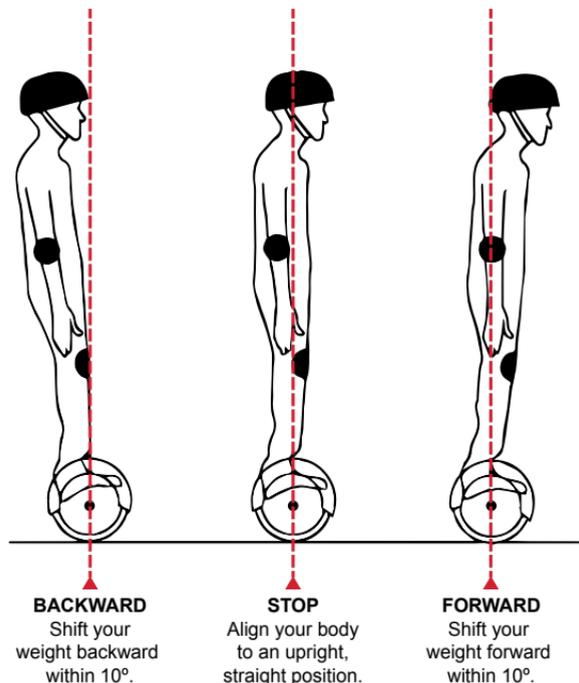
Align your body to an upright, straight position.

### **TURNING LEFT**

Shift your weight slightly off the RIGHT PEDAL to turn left.

### **TURNING RIGHT**

Shift your weight slightly off the LEFT PEDAL to turn right.



## STEPPING OFF THE SWAGTRON

Make sure the SWAGTRON is completely stopped, then step back with your dominant foot, then quickly step off with the other foot. Take extra care when dismounting for the first time!

### CAUTION

The SWAGTRON has an inertial dynamic stabilization system that keeps you upright. However, the system will stop detecting you if you lean too far left or right or if you take a foot off of the board. Slow down before turning or you will fall off and be injured.



### NOTE:

- + Avoid turning suddenly when riding fast as this may result in accidents.
- + Avoid riding sideways or turning on slopes. The self-balancing sensors may malfunction and may require recalibration.
- + Do not step on the center pivot point of the SWAGTRON. Doing so may break the carrying handle and cause severe damage to the unit's internal parts.
- + If the T6 flips over or rotates more than 180°, motor and riding capability will be disabled. To restore normal functions, power off the unit then power the unit back on. After this, continue to ride as normal.

## 3.3 CALIBRATION

If your SWAGTRON seems to pull to the left or right during your ride, you may need to recalibrate its sensors. The process requires a flat, stable surface and optionally a level (available at any hardware store.)

1. Power your SWAGTRON off.



2. Rotate the SWAGTRON until both wheel bases are level over the ground. For accurate results, use a level.
3. While the SWAGTRON remains level, hold the POWER BUTTON down to turn on the unit and keep holding the button down.
4. Wait an additional 3 seconds and you will hear a single beep. Release the POWER BUTTON and the unit's LED Movement Indicators will begin flashing.
5. Press the POWER BUTTON to turn the SWAGTRON off.
6. Press the POWER BUTTON to turn on your newly calibrated SWAGTRON unit.

If the SWAGTRON is still not calibrated correctly, repeat step 1~6 or contact customer support for additional assistance.

## **IV – SAFE RIDING TECHNIQUES**

We sincerely hope every operator can ride the SWAGTRON safely. Think back to when you first learned to ride a bike, drive a car, or skateboard.

Although the SWAGTRON is designed with gyroscopic balancing technology in order to maintain maximum stability, it is still possible to “override” the SWAGTRON and tip over when riding too fast for the conditions. Following these techniques can help ensure that you have a safe, fun riding experience on the SWAGTRON.



- + Always wear an ASTM F1492 approved helmet and protective gear to avoid possible injury. These should be worn by ALL riders at ALL times regardless of age.
- + When going through doorways, remember that you are 4 in. (10 cm) taller on the SWAGTRON.
- + Avoid wearing anything that can drape over or get caught into/under the wheels.
- + Wear flat, closed-toe shoes to maintain flexibility and stability.
- + Make sure your feet are always on the pedals. Taking your feet off the SWAGTRON while riding is incredibly dangerous.
- + Ensure the battery is fully charged accordingly for the distance you plan to go.
- + Ensure your tires are intact with no punctures.
- + Ride on stable surfaces. Relax your legs while riding, knees slightly bent. This helps maintain balance when you encounter uneven grounds.
- + Ensure the vehicle speed is safe to yourself and others, and be ready to stop at any time.
- + When riding near others, keep a safe distance to avoid collisions.
- + Be aware of your surroundings at all times to ensure a safe ride. Your eyes are your best tools for safely avoiding obstacles and slippery surfaces.
- + Do not use the SWAGTRON on rough or loose terrain or off-road until you are familiar with all of the unit's features and have practiced riding. Practice in open spaces and flat areas, avoid steep slopes or high traffic areas until you're completely comfortable riding.
- + Before riding in a new area, check for obstacles. Before moving backwards, check for obstacles or pedestrians behind you.
- + The SWAGTRON can only support the weight of one person at a time. The rider must meet the minimum weight requirement of 44 lbs in order to safely ride the SWAGTRON.

+ Remember, only ride the SWAGTRON where it is permitted, you MUST comply with local laws and give way to pedestrians.



**WARNING:**

Devices 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.

**WARNING – Risk of Fire – No User Serviceable Parts.**

**AVERTISSEMENT– Risque d'incendie et de choc électrique – Aucune des pièces ne peut être réparée par l'utilisateur**

While the 10 inch tires can be used for riding on unpaved surfaces, the SWAGTRON is not recommended for use on uneven, wet, or rocky surfaces.

Never perform stunts or turn abruptly without checking your surroundings.

Never carry heavy items while riding.

Never ride in dark areas or areas where the lighting causes poor visibility.

Never attempt to drive over large obstacles including but not limited to rocks or fallen branches.

Never drive in or through any body of water.

Never use the SWAGTRON to do anything that may cause personal injury or property damage.

Never ride backwards for long distances or at high speeds.

Never step off the SWAGTRON when it is in motion.

Never place anything on the pedals except your feet. Doing so could interfere with the Rider Detection system and may allow the SWAGTRON to travel on its own, risking collision with a person or property and causing injury or damage.

Never operate your SWAGTRON near flammable vapor, liquids, dust, or other fire hazards.

Never ride your SWAGTRON after consumption of alcohol, drugs, or while intoxicated. You can be arrested for drunk driving.

**FAILURE TO USE COMMON SENSE AND HEED THE ABOVE WARNINGS INCREASES THE RISK OF SERIOUS INJURY, OR IN VERY RARE CASES, DEATH. USE WITH APPROPRIATE CAUTION AND SERIOUS ATTENTION TO SAFE OPERATION.**

## **V – BATTERY INFORMATION**

Item	Parameters
Battery Type	Rechargeable Lithium-Ion
Charging Time	2–3 Hours
Voltage	37V
Weight	~ 2.6 lbs / < 1.2 kg
Working Temperature	32°F ~ 104°F (0°C ~ 40°C)
Charging Temperature	32°F ~ 104°F (0°C ~ 40°C)
Dimensions	158 x 88.5 x 59.5 mm
Storage Humidity	65±20%RH

### **5.1 CHARGING THE SWAGTRON®**

For the safety of yourself and others and to extend the battery's life, please be sure to observe the following instructions.

1. Plug the charger into a grounded wall outlet (100V–240V; 50–60Hz).
2. Verify that the green light is on, then plug the other end of the charging unit into the SWAGTRON.
3. If charging while the smart board is on, all five lights of the battery indicator will turn blue when charging is complete. If charging while the smart board is off, no lights will turn on.
4. Total charging time is approximately 2–3 hours.

Use only the charger provided with your SWAGTRON unit. If you have lost or misplaced your charger, contact

customer support to obtain a replacement.

During operation, if the system encounters an error or is being operated incorrectly, the SWAGTRON will alert the operator through an alarm and the System Status Indicators.



**NOTE:**

- + When the battery is fully charged, please STOP CHARGING and unplug the unit.
- + Please keep your charging environment clean and dry.
- + If the charging port is damp or has any liquid on it, DO NOT charge your SWAGTRON.
- + In order for the battery to operate at maximum efficiency, avoid charging your SWAGTRON in extremely hot or extremely cold environments.

DO NOT charge the battery in the following cases:

- + There is excessive odor or heat.
- + Leakage or physical damage.

Disassembly and battery maintenance should only be performed by an authorized professional. DO NOT touch or consume any substances leaking out of the battery. DO NOT allow children and animals to touch or consume the battery.

## 5.2 BATTERY LEVEL INDICATOR

The SWAGTRON includes LED Indicators so you never have to guess how much power is left in your ride. There are 5 levels of power that you can monitor right at your feet.

Indicator light	Status
	Full Power
	~ 80% Power
	~ 60% Power
	~ 40% Power
	20% Power

Immediately stop riding the SWAGTRON if the Battery Indicator shows a single LED light. When the SWAGTRON is at low power, the unit may be unable to properly self-balance.

The above percentages are approximations and may vary based on your style of riding.



### NOTE:

- + For your safety, the Indicators cannot be turned off.
- + If the battery is overloaded, its temperature has become too hot. A warning alarm will emit from the speaker and the System Indicator will begin to flash. Gradually slow down, get off, and power down the unit to allow it to cool down. Once the battery and unit have had time to cool down, the unit will power up as normal. If the problem persists, do not ride the unit and contact customer support immediately.

## **5.3 RANGE PER CHARGE**

The average distance for which you can ride your SWAGTRON on a full charge is between 7 to 12 miles. However, many factors need to be considered when determining the actual range per charge.

Factor	Comment
Speed and Riding Style	Keep a moderate, consistent speed. Frequent start, stops, acceleration, and deceleration will reduce riding range.
Topography	Rough terrains or slopes can decrease your range due to motor use. Ride on smooth or even roads for maximum performance.
Weight	The weight of the operator can influence your distance.
Temperature	Avoid too hot or too cold environments, as the motor will decrease power to protect itself.

If the battery voltage is too low or over-worked during operation, the SWAGTRON will enter into power off mode after 15 seconds to protect the internal components from damage.

## **5.4 SAFETY WARNINGS**

### **5.4.1 When Using the Battery**



(1) Misusing the battery may cause the battery to get hot, rupture, or ignite and cause serious injury. Be sure to follow the safety rules listed below:

- + Do not place the battery in fire or direct contact with heat.



- + Do not pierce the battery with sharp objects, strike the battery with a hammer, step on the battery, or otherwise subject it to strong impacts or shocks.
  - + Do not expose the battery to water or any liquids, or allow the battery to get wet.
- (2) Do not disassemble or modify the battery. The battery contains safety and protection devices which, if damaged, may cause the battery to generate heat, rupture or ignite.
  - (3) Do not place the battery on or near fires, stoves, or other high-temperature locations. Do not place the battery in direct sunlight, or use or store the battery inside cars in hot weather. Doing so may cause the battery to generate heat, rupture or ignite. Using the battery in this manner may also result in a loss of performance and a shortened life expectancy.



- (1) If the device is to be used by children, the caregiver should explain the contents of the user manual to the children. The caregiver should provide adequate supervision to ensure that the device is being used as explained in the user manual.
- (2) Immediately discontinue use of the battery if, while using, charging, or storing the battery, the battery emits an unusual smell, feels hot, changes color, changes shape, or appears abnormal in any other way.
- (3) Do not place the batteries in microwave ovens, high-pressure containers, or on induction cookware.
- (4) In the event that the battery leaks and the fluid gets into one's eye, do not rub the eye. Rinse well with water and immediately seek medical care. If left untreated, the battery fluid could cause damage to the eye.

### 5.4.2 While Charging



(1) Be sure to follow the rules listed below while charging the battery. Failure to do so may cause the battery to become hot, rupture or ignite and cause serious injury.

When charging the battery, use a specified battery charger provided in the package.

Do not place the battery in or near fire, or under direct sunlight.

(2) Do not continue charging the battery if it does not recharge within the specified charging time. Doing so may cause the battery to become hot, rupture or ignite.

The temperature range within which the battery can be charged is 32°F ~ 104°F (0°C to 40°C).

Charging the battery at temperatures outside of this range may cause the battery to become hot or to break. Charging the battery outside of this temperature range may also harm the performance of the battery or reduce the battery's life expectancy.

### 5.4.3 When Discharging the Battery



Do not discharge the battery using any device except for the specified device. When the battery is used in devices aside from the specified device it may damage the performance of the battery or reduce its life expectancy, and if the device causes an abnormal current to flow, it may cause the battery to become hot, rupture or ignite and cause serious injury.



The temperature range within which the battery can be discharged is 32°F ~ 104°F (0°C to 40°C). Use of the battery outside of this temperature range may damage the performance of the battery or reduce its life expectancy.

## **VI – MAINTENANCE**

Your SWAGTRON must be maintained in order to provide the best riding experience. Follow the below tips and reminders to keep your SWAGTRON running in top condition.



### **NOTE:**

- + Always ensure the POWER is OFF and the unit is not being charged during maintenance.
- + Attempting to repair or modify your SWAGTRON can void all warranties. Only authorized repair centers may open and service the SWAGTRON.

Please contact SWAGTRON support at 1-844-299-0625 if you need assistance with your unit.

## **6.1 CLEANING**

Proper cleaning of your SWAGTRON can promote a longer lifespan and a smooth riding experience.

- + Wipe the outer body / shell of your SWAGTRON with a soft, dry microfiber cloth.
- + Check around the wheels and ensure that there is no blockage. The SWAGTRON's design allows for easy wheel maintenance.
- + Do not submerge the SWAGTRON in water.
- + Do not let water and liquids get into the SWAGTRON's electric parts or battery.

## **6.2 STORAGE**

Below are some tips to consider when storing your SWAGTRON unit.

- + Before storing your SWAGTRON, fully charge the battery to avoid over discharging due to non-use.
- + If storing the SWAGTRON for more than one month, discharge and recharge the battery at least once a month.
- + Store your SWAGTRON indoors in a location with stable temperate. Do not store in an unheated garage or shed. Do not store in a dusty environment as this may cause damage over time.

## **6.3 TRANSPORTATION**

The SWAGTRON has a built-in carrying handle at the top of the unit for easy transportation. Before moving, lifting, or otherwise transporting the unit, turn it off. Note, the device weighs approximately 30.55 lbs. If you are unsure of your ability to lift this much weight with one hand or arm, doing so is not recommended. Please lift the device with both arms or otherwise gain the assistance of someone who may handle the weight without trouble.



Lithium-ion batteries are considered hazardous materials, therefore transportation is governed by federal, state and local laws.

International law prohibits the shipping of bare lithium-ion batteries. If you are shipping your SWAGTRON, you must ship it with the battery installed.

## **VII – SWAGTRON T6 SPECIFICATIONS**

Item	Parameters
Net Weight	30.55 lbs
Dimensions	25.7 x 10 x 10.5 in.
Chassis Height	2.7 in.
Pedal Height	6.6 in.
Chassis Material	Aluminum & Durable shell with UL approved material
Tire Material	Tubeless Nylon Tires / Aluminum Rims
Maximum Speed	8 mph / 12.8 km/h
Climbing Capacity	30°
Maximum Load	220 lbs / 100 kg
Speaker Connectivity	Bluetooth® V2.1+EDR
Rated Power	350 W
Battery Type	Rechargeable Lithium-Ion
Battery Capacity	96.2 WH
Battery Shielding	ADC10 Aluminum Alloy Casing
Charger Voltage	Input 100V–240V; 50–60Hz / Output 42Vdc, 2A Model PS84B420Y2000S manufactured by SHENZHEN FLYPOWER TECHNOLOGY CO., LTD (E302944) Input:100–240Vac,50/60Hz, Output:42Vdc,2A Model FY–2942000 manufactured by SHENZHEN FUYUANDIAN POWER CO., LTD (E350715) Input:100–240Vac,50/60Hz Output:42Vdc,2A

## **90-Day Limited Hardware Warranty**

Your SWAGTRON® Hoverboard (“Product”) includes a 90(ninety)–Day Limited Hardware Warranty (“Warranty”). The Warranty covers product defects in materials and workmanship under normal use. This Warranty is limited to residents of the United States (excluding Hawaii, Alaska and US Territories) and Canada only and is available only to original purchasers. This Warranty gives you specific legal rights and you may also have other rights which vary from state to state.

This Warranty starts on the date of your purchase and lasts for ninety (90) days (the “Warranty Period”). The Warranty Period is not extended if the Product is repaired or replaced. We may change the availability of this limited warranty at our discretion, but any changes will not be retroactive.

Warranty services are provided by SWAGTRON®. If a hardware defect arises and a valid claim is received within the Warranty Period, at its option and to the extent permitted by law, SWAGTRON® will: (1) repair the hardware defect by using new or refurbished parts that are equivalent to new in performance and reliability; or (2) exchange the Product with a product that is new or refurbished which is substantially equivalent to the original product. This Warranty is for one replacement only of like-items and does not cover items out of production if the product is no longer made or stocked. This Warranty is not assignable or transferable. The original purchaser may call SWAGTRON’s toll-free number at 1-844-299-0625 for service request.

When a product or part is exchanged, any replacement item becomes your property and the replaced item becomes SWAGTRON’s property. This warranty only covers technical hardware defectiveness during the warranty period and under normal use conditions. SWAGTRON® does not warrant uninterrupted or error-free operation of this Product.

Return shipping shall only be provided for Products dead on arrival (“DOA”) within thirty (30) days of purchase only. All other returns/repairs shall require payment of shipping cost at discounted rate to be determined as follows:

SWAGTRON® E-Scooters, and Hoverboards shall be Twenty Dollars (\$20)\*\*

\*\*shipping prices are subject to change with further notice.

This Warranty does not cover any damage due to: (a) transportation; (b) storage; (c) improper use; (d) failure to follow the

product instructions or to perform any preventive maintenance; (e) modifications; (f) unauthorized repair; (g) normal wear and tear (including but not limited to wearables and other consumable parts such as tires); or (h) external causes such as accidents, abuse, or other actions or events beyond our reasonable control.

**Important:** Do not disassemble the Product. Disassembling the Product will void this Warranty. Only SWAGTRON® or a party expressly authorized by SWAGTRON® should perform service on this Product.

**DISCLAIMER OF WARRANTY:** THE REMEDIES DESCRIBED ABOVE ARE YOUR SOLE AND EXCLUSIVE REMEDIES AND OUR ENTIRE LIABILITY FOR ANY BREACH OF THIS LIMITED WARRANTY. OUR LIABILITY SHALL UNDER NO CIRCUMSTANCES EXCEED THE ACTUAL AMOUNT PAID BY YOU FOR THE DEFECTIVE PRODUCT, NOR SHALL WE UNDER ANY CIRCUMSTANCES BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL, SPECIAL OR PUNITIVE DAMAGES OR LOSSES, WHETHER DIRECT OR INDIRECT.

SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

THE DURATION AND REMEDIES OF ALL IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE LIMITED TO THE DURATION OF THIS EXPRESS LIMITED WARRANTY.

**SWAGTRON<sup>®</sup>**

COPYRIGHT © 2020 SWAGTRON. ALL RIGHTS RESERVED.