



Gyrocopters
SONIC
Electric Scooter

USER MANUAL

Actual functions may vary due to technical upgrades and firmware updates.

Gyrocopters e-mobility systems: www.gyrocopters.ca
For Support: customercare@imgadgets.com

V1.0

**Thank you for purchasing the Gyrocopters Soonic Electric Scooter.
It is a sports and recreational vehicle.**

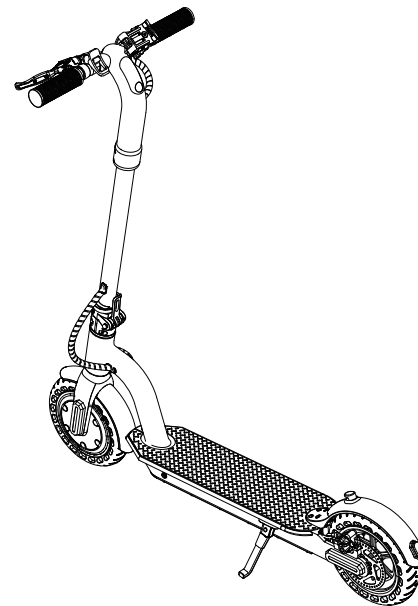
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Before operating the electric scooter, please read this User's Guide for the proper instructions on how to use and care for the scooter

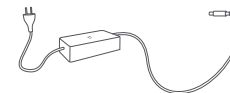
1/ Package Contents

Assembled Electric Scooter



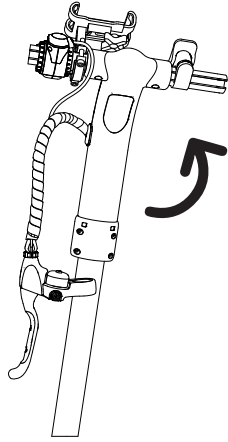
Charging Adapter

Accessories

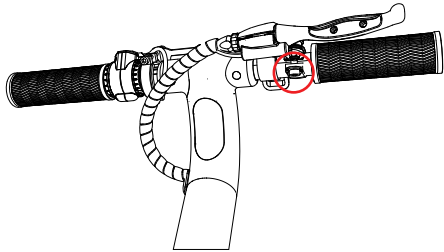


Carefully check package contents, if anything is missing or damaged, please contact customer service at sales@gyrocopters.ca

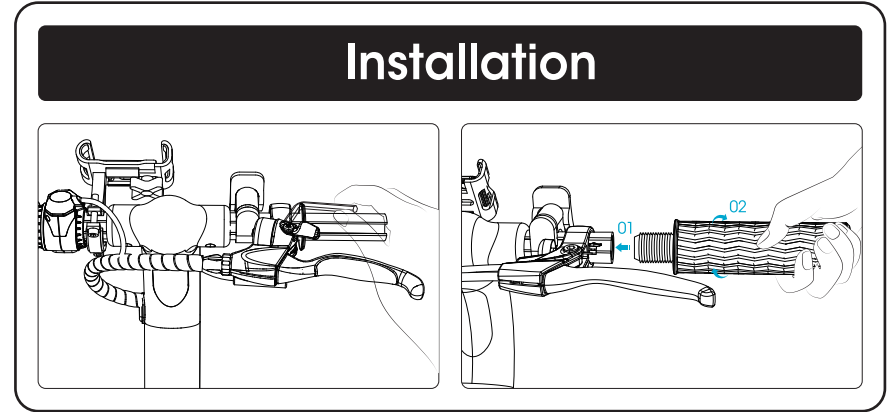
2/ Installation



When installing the scooter, you will first need to attach the brake handle to the handle bar stem



Once in place, secure by tightening the indicated screw with the given allen key

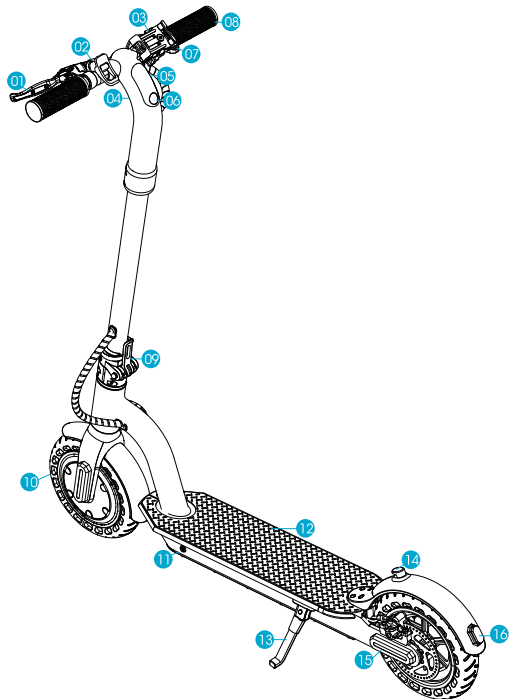


Next simply screw each handle into the stem of the scooter, as indicated in the image above steps (01) and (02).

Please Note:

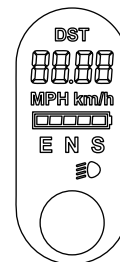
- This product meets and complies with all Federal regulations
- Before using this electric scooter, familiarize yourself with how to operate, so that you can keep the scooter in the best condition possible
- This User's Guide will help you to learn how to safely ride this electric scooter
- User's Guide has all the instruction and notes, the operator must read it carefully and follow these instructions. If the operator fails to follow the instructions or violate the warnings, our company won't be responsible for any related results

3/ Product Overview



- 01 Brake
- 02 Folding padlock
- 03 Phone holder
- 04 Headlight (Not Shown)
- 05 Display
- 06 Power & function button
- 07 Accelerator
- 08 Handle Bar
- 09 Folding Button
- 10 Motorized front wheel
- 11 Charging port
- 12 Foot Pedal
- 13 Kickstand
- 14 Fold hook
- 15 Brakes
- 16 Rear light

Monitor



○ Push the button for 3 seconds for turning on/off

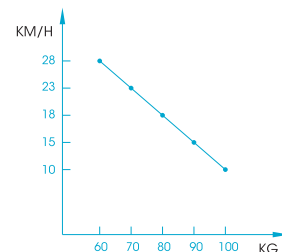
☾ = ☀ Push the button once for headlight and once again for turning off

Ⓔ - Ⓕ Three riding modes: When starting up, double-click the button for switching the speed stages

ECO: Economical Speed, around 10KM/H

NOR: Normal Speed, around 15KM/H

SPORT: Sport Speed, around 20KM/H



0000 - 0020 = 0000 Total distance/speed display: Push 3 times to change from KM>MPH

Lights While Charging



Charging, Low charge



Charging, Medium charge



Charging, High charge



Charging, Nearly full



Fully Charged

Lights During Use



Full Charge



High level of charge



Medium level of charge

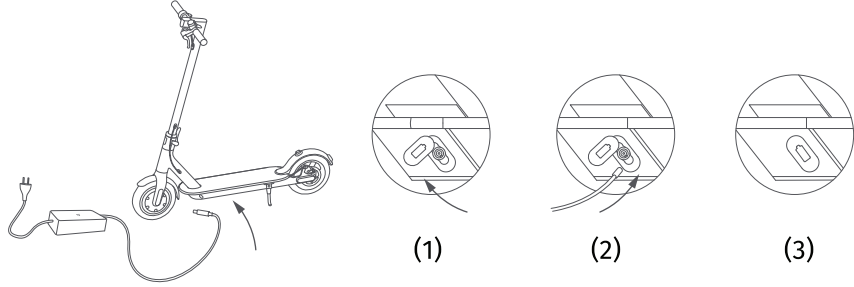


Low level of charge



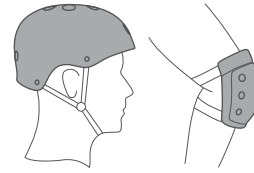
Empty, needs charging

4/ Charge Your Scooter



- Ensure the charging port is dry
- Lift up the rubber flap and plug the power adapter into the DC power port of the scooter and a standard power outlet (1) and (2)
- Make sure the red indicator on the adaptor lights up. When the red indicator light's on, the charger indicates it's charging properly, otherwise check if the line is connected properly
- When the indicator light on the charger changes from red to green, this indicates that the battery is fully charged. In this case remove the plug and put back the rubber flap (3)
- The charging time is approximately 4 -5 hours
- DO NOT over charge. It will negatively affect the battery's life
- Please keep the charging environment clean and dry
- When the charging port is wet, don't charge the scooter's battery

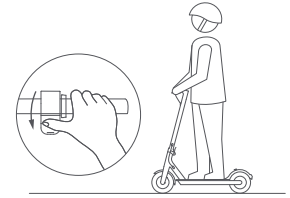
5/ How to Ride



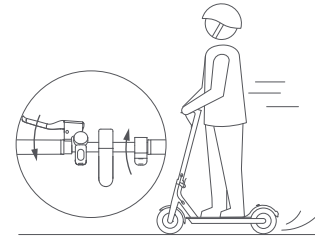
Wear a helmet and knee pads in case of falls and injuries while learning to ride the scooter



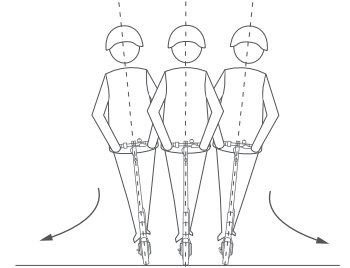
-Turn on the scooter by pressing the power button for 2 secs. Next step on the deck with one foot, rolling the scooter back and forth a bit to make sure you are comfortable and secure before taking off



With hands tightly holding the handle bar, give the scooter a good kick, then slightly press the accelerator to start riding



Release the accelerator and the kinetic energy recovery system (KERS) initiates automatically to brake slowly. Squeeze the brake lever for sudden braking

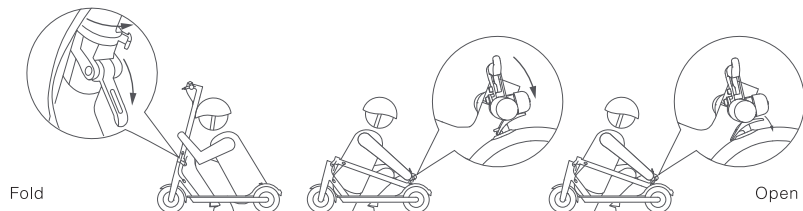


Tilt your body to the steering direction as you turn, and slowly turn the handle bar

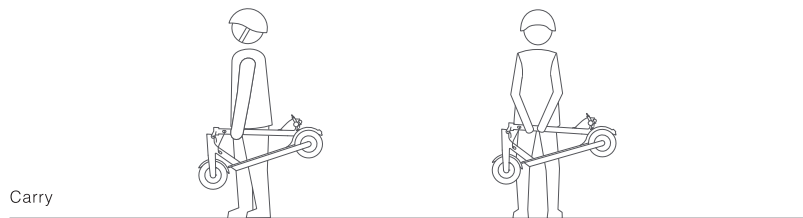
Important

- Please wear safety equipment all the time during riding time
- Please ride the scooter in open and flat area for first time riders

6/ Folding/Unfolding Your Scooter



Make sure the scooter is turned off. To fold, unlock the folding mechanism, and bend the handlebar stem to hook the bell buckle on the fold hook on the rear mudguard. To open, press and lift the bell trigger to detach from the fold hook, and erect the handlebar and lock the folding structure



Hold the handlebar stem with either hand or both hands to carry

Warning : keep your fingers clear of the pivoting mechanism when folding or unfolding the scooter.
Make sur eothers are standing clear.

Handlebar Brake and Accelerator Control

- This scooter works with electric brakes on the handle. The harder the brake is pressed, the stronger the slowing down/stopping will be.
- Note: The accelerator is not working when the brake is on.

7/ Safety Warnings

- Always wear safety equipment such as a helmet, knee pads, and elbow pads
- Always wear a helmet when riding your Scooter and keep the chinstrap securely buckled
- Always wear shoes. Ride on smooth, paved surfaces away from motor vehicles
- Avoid sharp bumps, drainage grates and sudden surface changes. Scooter may suddenly stop
- Avoid streets and surfaces with water, sand, gravel, dirt, leaves and other debris. Wet weather impairs traction, braking, and visibility
- Do not ride at night

- Adults must assist children in the initial adjustment procedures to unfold scooter, adjust handlebar, and steering height and finally to fold scooter

- Obey all local traffic and scooter laws and regulations

- Lithium batteries, like all rechargeable batteries, are recyclable and should be recycled or disposed of according to state and local guidelines. They should never be disposed of in normal household waste, and they should never be incinerated, as they might explode. Contact your local government for disposal or recycling practices in your area

- Must be over the age of 12 to ride

- Always inspect your Scooter before riding and regularly maintain it

- Do not ride the scooter when the low battery alarm is ringing to ensure safety

- Don't lift the scooter from the wheels to avoid finger pinching between the wheel and the fender


- Please drive slowly. Sudden accelerating will reduce the balance of the scooter and may cause a fall and/or injury. Most of the falling and loss of balance is caused by this type of habit

- Be cautious of pedestrians and respect their 'Right of Way'. Pass at low speeds or get off your scooter while passing


8/ Safety Instructions

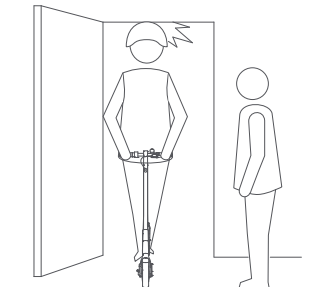
Watch out for safety risks




 Do not ride in the rain




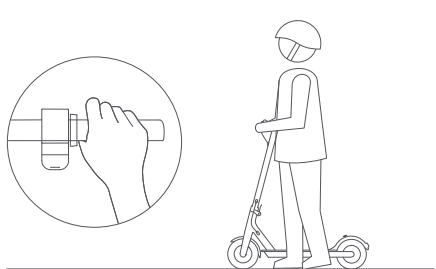
 Keep your speed between 5-10 km/h when you ride through speed bumps, elevator door sills, bumpy roads or other uneven surfaces. Slightly bend your knee to better adjust mentioned surfaces




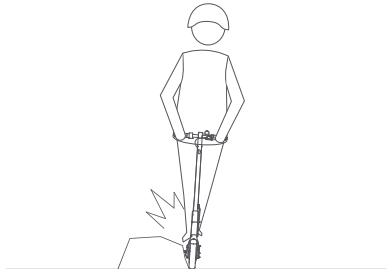
 Look out for doors, elevators and other overhead obstacles



 Do not accelerate when you go downhill

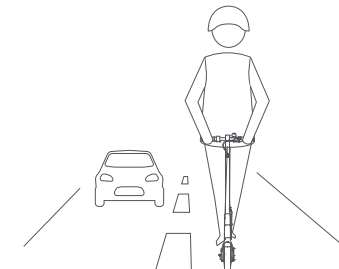



 Do not press the accelerator when you're walking alongside the scooter

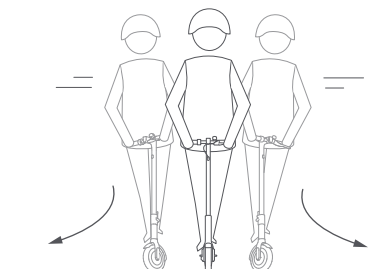



 Always steer clear of obstacles

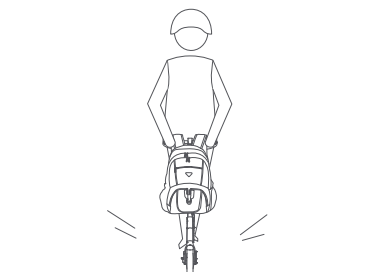
DO NOT try the following dangerous actions




 Do not ride in traffic lanes or residential areas where vehicles and pedestrians are both allowed




 Do not turn the handlebar violently during high-speed riding




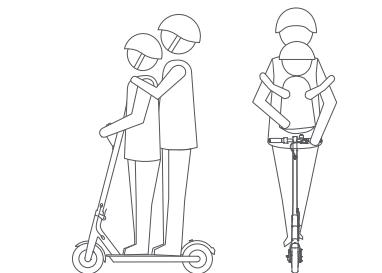
 Do not hang bags or other heavy stuff on the handlebar




 Keep both feet on the deck all time.



 Do not ride in a ponding that is higher than 0.78 inches



 Do not ride with anyone else, including children

9/ Daily Care and Maintenance

Cleaning and storage

If you see stains on the scooter's body, wipe them off with a damp cloth. If the stains won't scrub off, put on some toothpaste and brush them with a toothbrush, then wipe them off with a damp cloth. If you see scratches on plastic parts, use sandpaper or other abrasive materials to polish them.

Notes: do not clean the scooter with alcohol, gasoline, kerosene or other corrosive and volatile chemical solvents to prevent dire damage. Do not wash the scooter with a high-pressure water spray. During cleaning, make sure that the scooter's turned off, the charging cable is unplugged, and the rubber flap is closed as water leakage may result in electric shock or other major problems.

When the scooter's not in use, keep it indoors where it is dry and cool. Do not put it outdoors for long time. Excessive sunlight overheating and overcooling accelerate tire aging and compromise the scooter and the battery pack's lifespan. (Lorsque le scooter n'est pas utilisé, gardez-le à l'intérieur dans un endroit sec et frais. Ne le mettez pas en plein air pendant longtemps. La lumière du soleil excessive, la surchauffe et le sur-refroidissement accélèrent le vieillissement des pneus et compromettent le scooter et la durée de vie de la batterie.)

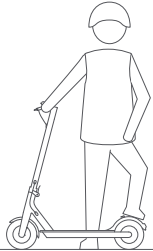
Battery maintenance

1. Use original battery packs, use of other models or brands may bring about safety issues;
2. Do not touch the contacts. Do not dismantle or puncture the casing. Keep the contacts away from metal objects to prevent short circuit which may result in battery damage or even injuries and deaths;
3. Use original power adapter to avoid potential damage or fire;
4. Mishandling of used batteries may do tremendous harm to the environment. To protect natural environment, please follow local regulations to properly dispose used batteries.
5. After every use, fully charge the battery to prolong its lifespan.

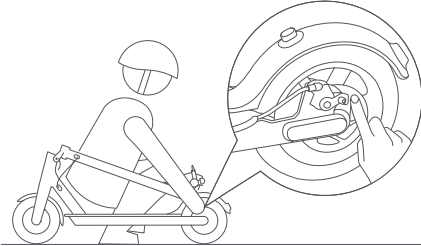
Do not place the battery in an environment where the ambient temperature is higher than 122°F or lower than -4°F (e.g., do not leave the scooter or the battery pack in a car under direct sunlight for an extended time). Do not throw the battery pack into fire as it may lead to battery failure, battery overheating, and even another fire. If the scooter is expected to be left idle for more than 15 days, please fully charge the battery and place it in a dry and cool place. Keep in mind to recharge it every 30 days to protect the battery from potential damage which is beyond limited warranty.

Always charge before exhausting the battery to prolong the battery's lifespan. The battery pack performs better at normal temperature, and poor when it is below 32°F. For instance, when it is below -4°F, the riding range is only half or less at normal state. When the temperature rises, the riding range restores.

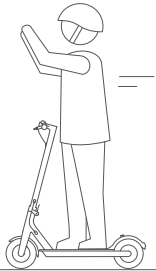
Note: The damage caused by prolonged no charge is irreversible and is beyond limited warranty. Once the damage is done, the battery can not be recharged (non-professionals are forbidden to dismantle the battery pack, as it may cause electric shock, short circuit or even major safety accidents).



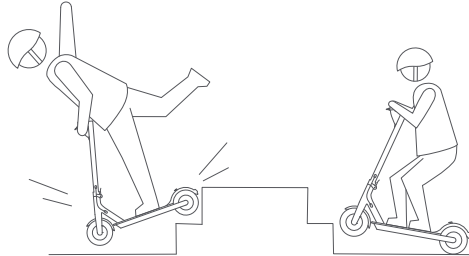
- ⊗ Do not keep your feet on the rear mudguard



- ⊗ Do not touch the disc brake



- ⊗ Do not keep your hands away from handlebar



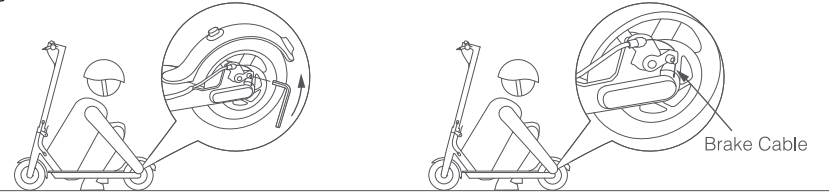
- ⊗ Do not try riding up or down stairs, and jumping over obstacles

Wheels and Bearings

Under normal circumstances and conditions, scooter wheels and wheel bearings are maintenance free

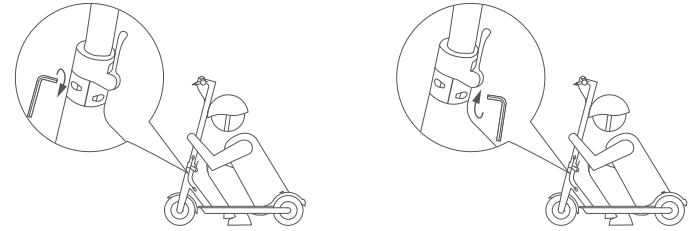
Nonetheless, it is the responsibility of the owner or guardian to periodically inspect the wheels for wear and tear, the axle for proper tightness, and bearings for side-to-side play and loose parts. When a wheel or wheel bearing develops play, this is an indication of excess wear and a replacement is necessary. Replace immediately with only genuine wheels. Worn wheels and bearings are considered normal wear-and-tear and are not covered by the Warranty. Wheels other than genuine wheels may not be compatible with your scooter. The use of anything other than genuine replacement parts may affect your safety and will void your warranty.

Adjusting the disc brake



If the brake is too tight, use a M4 hexagon wrench to loosen the screws on the caliper, and slightly send back the brake cable to shorten the exposed length, then tighten the screws. If the brake is too loose, loosen the screws, and slightly pull out the brake cable to lengthen the exposed length, then tighten the screws.

Adjust the handlebar



If the handlebar and its stem sway while riding, use a M5 hexagon wrench to tighten the screws on the folding mechanism

10/ Specification

| Performance index | Items | Specifications |
|---------------------|---------------------------------------|--|
| Dimensions | L x W x H [1] (inch) | 42.5x16.9x44.9 |
| | After folding: L x W x H (inch) | 42.5x16.9x19.3 |
| Weight | Item weight (kg) | Approx. 12 kg |
| Riding requirements | Max Load | 100 kg |
| | Age | +12 years (12 - 50 years old) |
| | Height (cm) | 120 - 200 cm |
| Main parameters | Max. speed (km/h) | Approx. 28 km/h (varies based on terrain, driving style, & load) |
| | General range(km) | Approx. 20 |
| | Max. climbing angle (%) | Approx. 14 |
| | Suitable surfaces | Cement, asphalt and mud roads; bench lower than 1cm; crevice narrower than 1.2 inch |
| | Operating temperature (°F) | 14–104 |
| | Storage temperature (°F) | -4–113 |
| | IP rating | IP54 |
| Battery pack | Rated voltage (VDC) | 36 |
| | Max. input voltage (VDC) | 42 |
| | Rated capacity (Wh) | 280 |
| | Intelligent battery management system | Unusual temperature/short circuit/under voltage/over current/dual overcharge/dual over-discharge protections |
| Wheel Motor | Rated power (W) | 250 |
| | Max. power (W) | 500 |
| Charging adapter | Output power (W) | 71 |
| | Input voltage (VAC) | 100–240 |
| | Output voltage (VDC) | 42 |
| | Output current (A) | 1.7 |
| | Charging time (h) | Approx. 5 |

[1] Item height: from the ground to the top of the scooter;

[2] General range: measured when it is no wind and at 77°F, the scooter's fully charged to ride at a even speed of 15 km/h on a flat surface with a load of 75 kg.

Note: data and specifications may vary due to different models, and are subject to change without notice.

11/ Warranty Details

Gyrocopters offer 90 days warranty on all products. 90 days warranty commences from the date of purchase.

Please retain your payment receipt/order#, and original packaging for proof of purchase and to claim your warranty/repairs. All defective merchandise are eligible for repair within 90 days of the original purchase date.

This warranty DOES NOT cover normal wear and tear or any other physical damage or liquid damage caused to your parts/unit by improper usage or handling.

Warranty does not cover over-charging, or damages due to improperly maintaining the lithium battery installed in the unit. Opening and altering the device will void any original manufacturing warranty.

By opening your unit, you acknowledge that you assume all responsibility for your device, and its functionality or lack thereof. We assume no liability for loss or damages caused by unsafe riding and/or improper usage. Our warranty does not cover when used unsafely or out of limits.

Gyrocopters will only accept returns or unused and undamaged products that are returned in the original packaging within 14 days of your purchase date.

IMPORTANT: This warranty does not cover physical damages resulting from accident, misuse, or abuse, lack of reasonable care, the affixing of any attachments, stunts, tricks, loss of parts, over-load or subject in the product to any but the specified voltage. Use of unauthorized replacement parts will void warranty. This warranty is only eligible for the purchase of the initial Gyrocopters Soonic electric scooter. No responsibility is assumed for any special, incidental, or consequential damages.

Contact Details

Gyrocopters e-mobility systems: www.gyrocopters.ca
For Support: customercare@imgadgets.com

