



USER MANUAL

MODEL: ION G3 PRO

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Structural Diagram



Dashboard Instructions

Power Switch

Press and hold the power button for 3 seconds to turn on scooter. The scooter turns off automatically if not used for 90 seconds.

Speed Control

While stationary, and with the power on, press and release the MODE button to cycle through the three different speed levels 1 to 3. Use the throttle to control the speed within each speed level.

Hold down the MODE button to turn on the headlights and taillights. The taillights will flash automatically when braking.

Power Indication

The number of bars indicates the remaining power of the lithium battery.

Note: Recharge when there is only one bar because emptying the scooter of power (zero bars) is damaging to the battery over time.

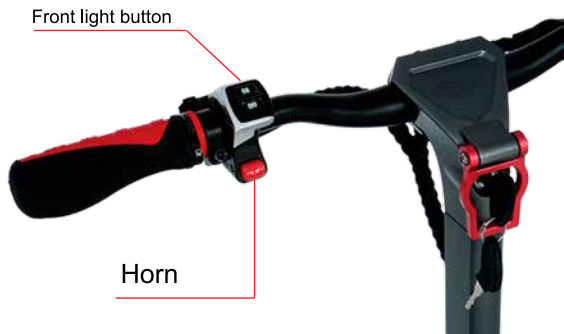
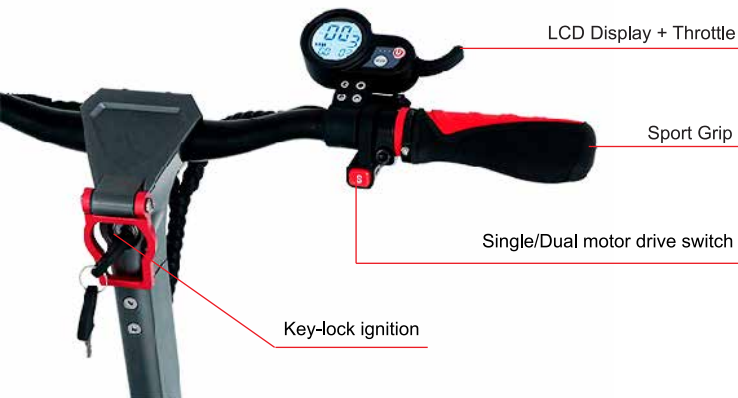
LCD Screen

While stationary, and with the power on, press and release the POWER button to cycle through the following data: ODO: Accumulated Mileage
TRIP: Current Mileage, V: Current Voltage Level

To reset the TRIP mileage, while TRIP mileage is displayed, hold down MODE button for 3 seconds.



Dashboard Instructions



Dashboard Instructions

Parameter settings

Pressing   together for 2 seconds , will enter the instrument parameter setting interface.

First of all, we can see P00

and then press  by turns, we can find P01, P02, P03, P04, P05, P06, P07, P08, P09

P00: Wheel diameter setting

This P00 setting has been programmed by the controller, and the P00 setting on the display is not workable. so please ignore this P00 setting.

P01: Under-voltage setting

The standard Parameter of P01 should be 43 for the this electric scooter.
So please don't change this.

P02: Number of pole pairs setting

At P02, press  for 3 seconds, we can see the number is flashing, and then we can press  to increase the number, and press  to reduce the number. The default number is 15, when we increase or reduce this number, the speed on the display will be changed.

(Please note this speed changed on the display is NOT scooter's real speed).

P03: Speed signal selection setting

This P03 setting has been programmed by the controller, and the P03 setting on the display is not workable. so please ignore this P03 setting.

P04: KPH / MPH selection setting

At P04, pressing  for 3 seconds, we can see the number 0 or 1 is flashing. 0 is KPH, and 1 is MPH

We can press  to change the KM to Mile, and press  to change the Mile to KM. Press   together to save the setting.

P05: Non-zero start and zero start selection settings

According to our country's regulations, the electric kick scooters should be with kick start. So all of our scooters are programmed as Non-zero start mode by the controller. And we can't program that by display. So this P05 is not workable, and please ignore this P05 setting.(If you want Non-zero start, please contact your local authorized dealer)

P06: Cruise and Non-cruise selection settings

At P06, pressing  for 3 seconds, we can see the number 0 or 1 is flashing. 0 is Non-cruise, and 1 is Cruise

We can press  to change from 0 to 1, and press  to change from 1 to 0

P07: Soft start and hard start selection settings

This P07 setting has been programmed by the controller, and the P07 setting on the display is not workable. so please ignore this P07 setting.

P08: Speed limit adjustment in percentage

This P08 setting can adjust the scooter's real top speed.

At P08, pressing  for 3 seconds, we can see the number 100% is flashing.

When the number is in 100%, means the scooter can reach the 100% top speed, and if we want to reduce the top speed, we can press  to reduce the percentage number.

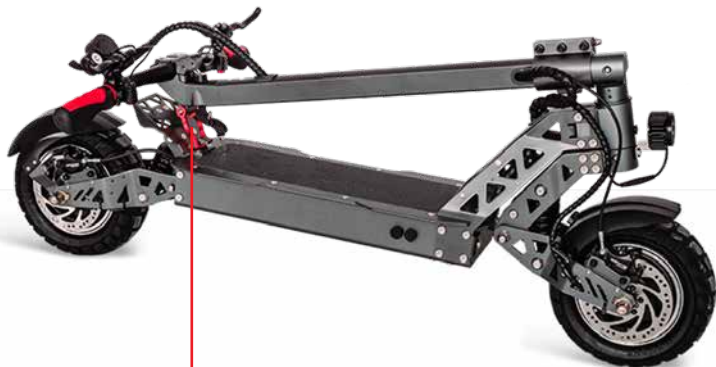
P09: EBS brake strength adjustment

This P09 setting on the display is not workable. so please ignore this P09 setting.

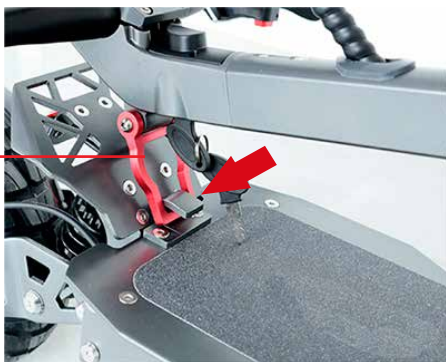
How to Fold



How to Fold



Stem and deck can be
fixed with the lock





1. To prevent injury, wear safety gear such as comfortable shoes, a helmet, and knee / elbow padding.
2. The scooter is not waterproof. Never use it in the rain or snow. Do not use it if the road is wet or icy. Water damage is not covered by warranty.
3. Changing the dashboard settings may result in malfunction. If you need to change the settings, please ask for help from an expert or authorized dealer.
4. When turning left and right, make sure that there are no obstacles and then turn slowly, keeping a wide turning radius.
5. Before riding at night, check the position of the headlights and state of the taillights by depressing the brake lever.
6. An operating age of 18 years old and over is strongly recommended.

How to Charge



1. Always plug the charger into a household outlet before connecting to the scooter, to safely start charging. Sparks may occur due to the voltage difference when attaching the connector to the charging port, but this is normal.
2. Open scooter charging port cover to connect the charger to the scooter.
3. Charging status indicator.
Red: Charging **Green:** Fully charged
4. If the charging indicator is green, the scooter is fully charged and can be disconnected.
5. It doesn't matter which charging port you plug the charger into.

CAUTION:

1. We recommend that you always use the original charger. Performance and safety may be compromised when using a different charger.
2. Charger failure may cause a fire while charging.
3. Do not leave your scooter charging unattended.
4. After unplugging the charger, charging connectors may be hot.

 WARNING			
 Charging Port Convex Groove	 Plug Groove		• Please watch the convex groove in the charging port. • Connect with the plug in a correct way when charging. • Do not touch the charging port with mental to avoid short circuit. • To prevent water damage, please do not use the scooter on rainy days. • Keep the charging port dry.

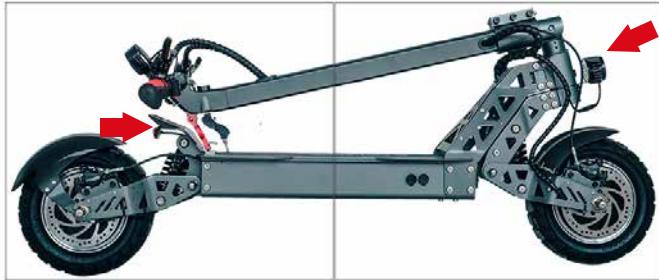
1. Only use the original charger that was supplied with your product to charge the lithium-ion battery. The use of a third party charger could cause serious damage to the battery and can cause a fire.
2. To prevent overcharging, unplug the charger once the charger light indicates the battery is fully charged. Do not charge the scooter overnight. Instead, resume charging when you are available to unplug the charger once the battery is fully charged.
3. Do not leave the lithium-ion battery exposed to direct sunlight or high temperature. Do not store it in wet places. Always store it in dry places.
4. Charge lithium-ion batteries in dry, open, and well-ventilated places. Do not charge the battery near flammable goods.
5. In the winter, keep the scooter stored inside, away from extreme temperatures. Do not let the battery run flat. The scooter must have at least 20% charge on it at all time
6. If the battery protection circuit is damaged, the battery may emit an unusual smell. Contact your authorized service center immediately for technical support.
7. Do not reverse the polarity on a battery and short-circuit. Exposing the battery to excessive shock can result in an explosion of the battery.
8. Do not try stunts or jumps on the product on bumpy surfaces. Exposing a battery pack to excessive shock can result in a battery fire. If in an accident contact your service center to ensure that the battery is not compromised.

Battery Safety

9. Connecting the charger when the product is waterlogged will run the risk of an electric shock and possible fire. Do not charge the battery and contact your service center.
10. Do not disassemble or incinerate the lithium-ion battery. To safely dispose of the lithium-ion battery, label it as industrial waste and be careful of a short-circuit occurring in terminals.
11. If the battery requires replacement after long-term use, always replace it with one that is purchased from an authorized dealer.
12. Do not use the battery if it leaks or gives off an odor. Avoid charging the battery without proper care.
13. Depending on the model, riding conditions, and rider's weight, range will vary on a full charge. Please note that batteries operate optimally at around 25 degrees Celsius. In colder weather, it is normal for your scooter to experience a shorter than normal range on a full charge.
14. When the scooter needs to be stored for a long period of time, make sure the scooter has at least 40% charge at all times.
15. If a product with a lithium-ion battery overheats and there is smoke or ignition, you should stop charging or using it immediately. Move the product outdoors and use a fire extinguisher to diffuse it. Do not spray or immerse the product in water to diffuse the fire.

Lifting and Transportation

The steering column of the scooter does not lock into place when folded. To carry the scooter, lift from just below the kick-plate and just under the front turning arm. The scooter is heavy, so lift with caution.



Inflating Tires

Please keep the tires inflated to 50 PSI to avoid punctures and damage to the tires.

Note: PSI level can usually be found on scooter tires.

Assembly Handle Bar



- 1: Place the handle bar in the stem's handleset in a correct angle.
- 2: Attach the clamp to the handleset and place the screws to holes in a correct position.
- 3: Use a 4mm Allen key to tighten the four screws on the clamp.
- 4: Make sure the handle bar no loose.

Adjusting Brakes

Small adjustments can be made at the barrel adjuster on the brake lever, but all major adjustments should be made at the opposite end of the cable at the brake caliper.

With the barrel adjuster on the brake lever threaded almost all the way in, adjustments can then be made to the front or rear caliper. If your brakes are too loose, you will need to increase tension on the brake cable.

To do this, using a 5mm hex tool, loosen the screw holding down the cable near the caliper. While holding the cable, rotate the brake arm in the direction of the scooter until it can't go any further, making sure to keep tension on the brake cable. Once the arm stops rotating, rotate in the opposite direction a small amount and tighten down the screw.

If your brakes are too tight, check that nothing is interfering with the brake cable between the handlebars and the caliper. Follow the directions listed above, only remove tension on the brake cable instead of introducing it.

Hydraulic brake systems require less maintenance, but do need to be bled from time to time in order to stay at peak performance levels. Bleeding the system involves removing any built up air in the hoses and topping off the hydraulic fluid and requires a hydraulic brake bleeding kit.

If you are not comfortable doing this yourself, reach out to your dealer for further directions.

Product Specification

Battery capacity	20 AH
Battery Type	Lithium-ion Battery
Input voltage (V)	58.8V
Rated voltage (V)	52V
Approx Range	60 km
Foldable	YES
Number of charging ports:	
Charging time	10 Hours
Working temperature	-10℃ ~ 40℃
Storage temperature	-10℃ ~ 40℃
Overall size (MM)	Length 1260 mm ,Handle-bar width 630 mm, Height 1260 mm
Size after folding (MM)	Length 1260 mm ,Pedal width 220 mm, Height 450 mm
Carton size (MM)	1335 * 285 * 550 mm
Max Rider Weight	120 kg / 265 lbs
Product Weight	33 kg / 72 lbs
User age	Over 18 years
Max Speed	60 Km/h
Riding Modes	Gear 1: Gear 2: Gear 3:

Product Specification

Grade Ability	35 Degrees
Motor type	DC brushless motor
Motor	1000Watt per Motor, Dual motor 2000W
Peak Power Output (Combined)	2400W peak
Controller	25AMP
Rated Voltage	52V
Charger Rated Power(W)	117W
Charger Input voltage (V)	100-240VAC
Charger output voltage (V)	58.8V
Charger Rated Current (V)	2A
Scooter Color	Silvery grey
Tires	10 Inch Tubeless Front and Rear Tires , Size 90/55-6
Frame material	Aluminium alloy 6061
Key-lock ignition	Use a key to power on and off your scooter
Speed up	Thumb throttle
Lights	Head Lights & LED Taillight
Brake systems	Front and Rear Hydraulic Brake System
Single/dual motor drive modes	Single/dual motor button switch
Front Light	Available
Brake Light	Available
Optional Accessories	Seat

Safety Driving Attention

Get to know your your electric scooter before riding it.

Make your turns slowly and cautiously, and give yourself plenty of stopping distance. To gain control over your scooter, practice your first ride on your electric scooter in an open space with no obstacles.

The electric scooter requires a short adjustment/ break-in period to allow all moving parts to adjust into their correct position

Before each ride always:

1. Check your brakes function
2. Check the tyres for signs of wear
Make sure that the wheels are freely rotating clear of the brakes
3. Perform a visual inspection:
That all screws and nuts are tight
No evidence or signs of wear and tear

If you are unsure, bring your electric scooter to our authorized distributor

RIDING TECHNIQUE:

1. Before riding position your foot as close as possible to the front section of the scooter, and your other foot on the ground. Make sure that your driving route is clear
2. To start riding, Kickstart the scooter with your foot for a few metres before activating the motor



As you accelerate, lean forwards.
As you brake, tilt your weight backwards!



Riding, like most sports, involves risks of injury and damage. By choosing to ride our scooter the responsibility and all inherent risk is on you. It is crucial that you know, understand and act according to safety rules

Avoid putting body weight on the handle bars whilst accelerating and decelerating!

Keep one foot behind the other, (it's more comfortable to place one foot forward and the other one turned backwards at 70-90°, like on skate/surfboard. It will help you gain more stability

Turns - The turns on electric scooter are done as on skis/surf/snowboard. The handle-bar should be in parallel to the body.

Braking - Tilt your weight backwards so that the brake action will come through the feet and not through the handlebar and steering system. It is best to learn how to adjust the centre of gravity while stopping, otherwise there is a dual concern: forward tipping over and/or wear and breaking of the handlebar and steering system

Disclaimer:

1. The customer understands the risk of serious injury or death in the operation of such products and shall agree to take the necessary precautions and exercise good judgment to avoid hazards and dangerous situations which may result in serious injury or death.
2. The use of safety and protective gear such as bicycle helmets is strongly encouraged. And so is the use of good judgment.
3. The customer is advised to take the following precautions:
 - a. Do not ride on wet ground or in heavy rain;
 - b. Take corners slowly and look out for pedestrians;
 - c. Avoid potholes, curbs, and debris on the ground;
 - d. Keep tires pumped to the specified pressure;
 - e. Dismount in places with heavy human traffic and push the scooter manually;
 - f. Service the product every 3 months of regular usage, 6 months for non-frequent usage;
 - g. Do not use the product on public roads and respect local road regulations.

SERIAL NUMBERS

SERIAL NUMBERS:

Each Scooter comes with a unique serial number.

These numbers provides information on the authenticity of the scooters and production dates.

To find your electric scooter serial number:

1. The number is on the backside of the board, for example as below:

Serial number: 03092310100561000



Warranty

2 year manufacturer's warranty on the frame and 1 year on all other parts.

Not covered under warranty.

Wear and tear, Tyres, lights, decrease battery capacity, water/flood damage, gears, brakes, paintwork, misuse or accidents, modifications, repairs and failure to service your e-scooter by qualified e-scooter mechanic every 6 months.

Warranty Card

Product Information	Item Name:	Model:	Serial Number:
User Info	Name:	Telephone:	Postcode:
Information of Distributer	Address:		
	Name:	Telephone:	
	Sale Date:	Sales Address:	

Maintenance Record	Submission Date	Maintenance Situation	Maintenance Results	Signature

