


APP quick start instruction manual



Customer Service

Our friendly customer service team will work hard to put a smile back on your face. Here's how you can contact us:

 Lifetime technical support

 www.iscooterglobal.com

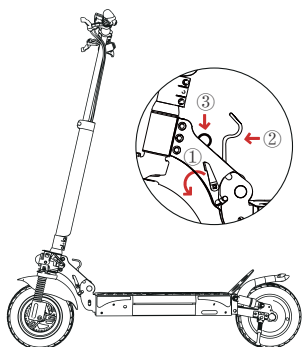
 www.facebook.com/iScooterGlobal

 support@iscooterglobal.com

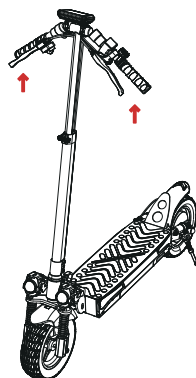
Thank you so much for your support.



QUICK START GUIDE

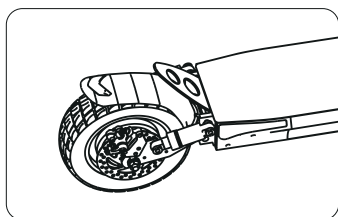


1. Push down ① (black locking lever) so that you can unfold the stem upright. Hold the stem, close up ② (red lever), and press down ② to lock it while pulling ③ (ring locking pin).



2. Cut the tapes on the handlebar. Lift the handlebars on both sides up and slide in to secure.

TIPS



A

If there are noises from the rear brake disc or the rear suspension (Image A), PLEASE EMAIL US FOR ASSISTANCE: support@iscooterglobal.com



MiniRobot

B

Download the "**MiniRobot**" app in App Store (iOS) or Google Play Store (Android) for more information and functions.







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Product Safety Notice

Don't Ride Until You Read This:

-  Always wear a helmet, elbow pads, and knee pads when riding your electric scooter.
-  Make sure your electric scooter has a full charge, and all screws are closely tightened before riding.
-  Always be aware of local road laws, and follow them.
-  Do not ride under the influence of drugs or alcohol.
-  Always respect pedestrians.
-  Do not ride under heavy rain or extreme temperature conditions. Do not ride in a puddle deeper than 1.5 inches. The electric scooter may slide causing injury. These conditions may damage the electronics and void the warranty.

Warning Message

Avoid Water --- The electric scooter has an IPX4 rating. The electronics may be damaged due to water and water damage is not covered by our warranty. Riding in heavy rain or extreme temperature conditions is also very dangerous and may result in injury.

Keep Away from Fire --- Do not bring the electric scooter near the fire.

Proper Storage --- Avoid prolonged exposure to sun or rain and avoid storage in places with high temperatures or corrosive gas.

No Abuse --- We do not cover physical damage due to negligent care and extreme riding.

Riding Safety --- Whenever you ride the iScooter electric scooter, you risk severe injury or even death from loss of control, collisions, and falls.

Be Careful --- Use caution and ride at your own risk.

No Modification --- Only use original brand accessories. Unauthorized modification is strictly prohibited.

Before Riding --- Be sure to check that the entire scooter is in good condition, such as whether the locking screws of the motor, front wheels, folding joints are fastened and reliable. Do not ride at will before correcting any problems.

Before Riding --- Be sure to check that the braking system is functioning properly, also be sure to check that all safety labels are in place and you understand the safety warnings.

No Hanging --- Do not hang heavy objects on the handlebars.

User Limit --- Pregnant women, the disabled, and those with heart problems should not use this product.

Save Electricity --- To conserve electricity, do not brake frequently, ride against the wind, or carry heavy loads including other people.

Age Limit --- The electric scooter should never be used by children under the age of 16.

No Overloading --- Never exceed the 330 lbs maximum load rating.

Moving Parts Hazard --- Keep hands and all body parts away from moving parts while operating the electric scooter.

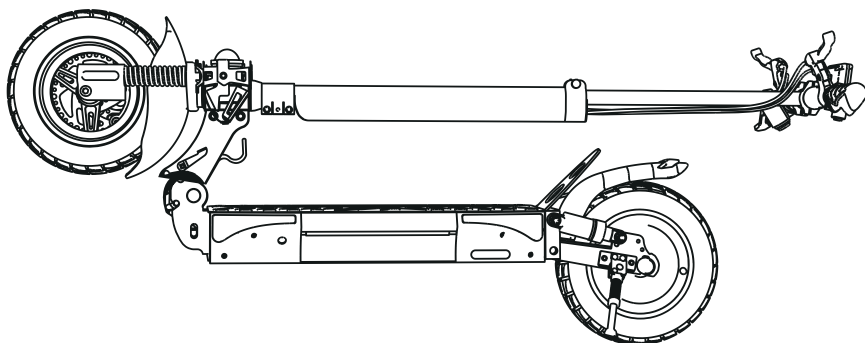
Caution --- Make note that additional insurance may be required to cover situations you encounter while riding an electric scooter. It is recommended that you contact an insurance company or broker for advice and consultation.



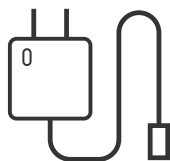
What's Included

Carefully check what's included in the package box. If anything is missing or damaged, please contact iScooter customer service for support: support@iscooterglobal.com

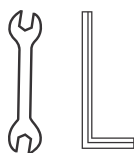
Keep the package box to ship back the scooter if necessary.



1 x Scooter



1 x Charger



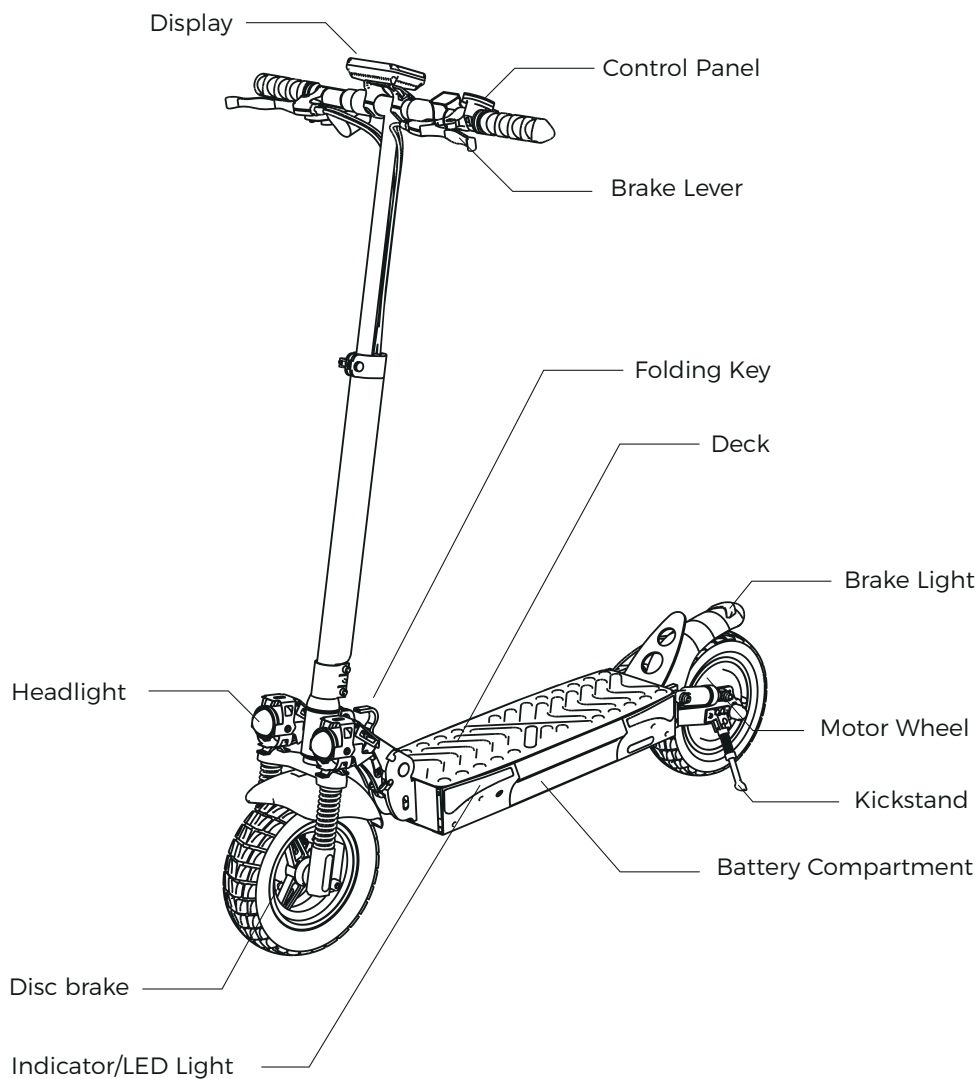
1 x Tool Kit



1 x Allen Key



Product Overview





Specification

Project	Content	Parameters
Scooter Parameters	Unfolded Dimension	45*25.5*50 in.
	Folded Dimension	45*8.6*19.6 in.
	Net Weight	57.43 lbs
	Top Speed	15.5-27.9 mph
	Range	24.8-27.9 miles
	Incline	20% - 25%
	Terrain	All-Terrain Wheels
	Operating Temperature	14°F ~ 104°F
	Storage Temperature	-4°F ~ 104°F
	Waterproof Rating	IPX4
	Charging Time	6-8 h
Battery Parameters	Rated Voltage	48 V
	Capacity	15 Ah
Motor Parameters	Wheel Size	10 in.
	Tire Type	Honeycomb Solid Off-Road Tires
	Rated Voltage	48 V
	Power	800 W
	Motor Type	Brushless DC Motor
Brake	Brakes	Front and rear mechanical disc brakes + electric brake
Charger	Input Voltage	100 V ~ 240 V
	Output Voltage	54.6 V
	Output Current	2 A
	Maximum Load	330 lbs

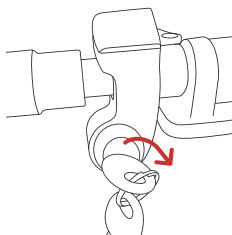
Display Content



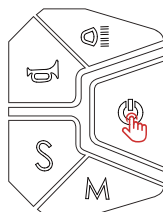
Display Content			
<div><div><div>AUTO</div><div></div><div>System self-check</div><div>Current speed</div><div>MPH Km/h</div></div></div>			
	Battery level		Sport mode
	Single Motor Mode		STD mode
READY	Ready to start		ECO mode
	Cruise control	<div><div>SPEED</div><div></div><div>MAX: Maximum speed AVG: Average speed ERROR: Error code</div></div>	
	Headlight	<div><div>88.8</div><div>KM TRIP MILES</div></div>	Trip meter
<div><div>88888</div><div>ODO KM MILES</div></div>	Odometer		Motor overheating



Display Content



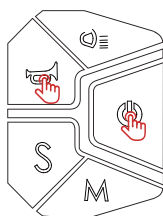
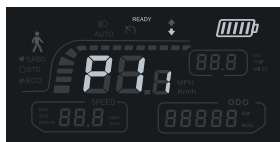
1. Turn the key clockwise.



2. Press the Power button to turn on the scooter.



3. Three speed levels:
10 km/h, 15 km/h, and 25 km/h.



5. Press the Horn button and the display reads "P10" (non-zero start); press the M button and the display reads "P11" (zero-start). Press the S button to return to P10.

4. Hold the Power and Horn buttons for 5-8 sec to enter the mode setting interface.

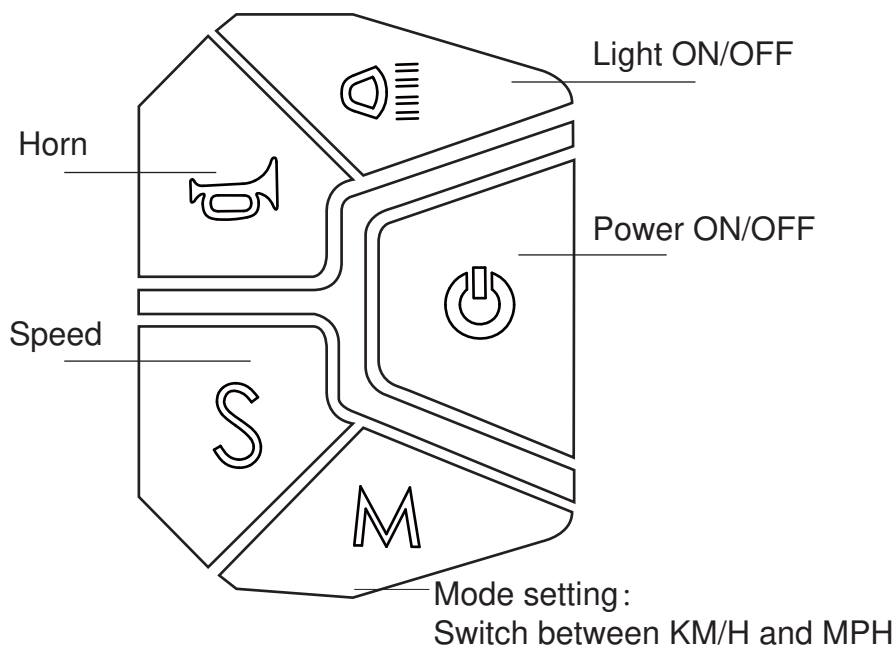
6. Press the Horn button and the display reads P20 (cruise control off); press M to turn on cruise control. Press the S button to return to P20.



Note: After setting the mode, wait about 5 seconds and the mode setting will be saved automatically and it will exit the interface.



Display Content



Power ON/OFF:

Press and hold for 3 seconds to power on / off.



Light ON/OFF:

Press to turn on / off the light.



Horn:

Press and hold to sound the horn.



Speed:

Press to increase the speed.



Mode setting:

Switch between KM/H and MPH.



Screen



Battery Level:

5-bar battery level indicator.



Charging prompt

When the battery runs out and the scooter slides to a natural stop due to inertia, you have to charge it very soon. It is not recommended to drain the battery completely. Charge it before use.



READY:

After turning on the scooter, "READY" will appear on the instrument display to remind you to wear a helmet, knee pads, elbow pads, and follow traffic regulations when riding.



Cruise Control:

After activating cruise control, you can release the throttle, the scooter will move at a uniform speed. When you press the throttle again or apply the brake lever, the scooter will return to its initial state.



Headlight:

After turning on the scooter, press the headlight button to turn on the headlight, this symbol will appear on the instrument display.



Maximum Speed:

The highest speed of the whole ride.



Current Speed:

The current speed during riding.



Trip distance:

The travelled distance of a trip; will automatically reset to zero after the scooter is powered off.

APP MiniRobot App



Download the "MiniRobot" app in the App Store (iPhones) or Google Play Store (Android phones) for more information and functions.



1. Turn on Bluetooth on your phone. Open the app and tap search.



2. Function Settings



3. Bluetooth connected interface



4. Detailed information



5. Tap to switch the speed mode.



6. Tap to lock the scooter rear wheel.



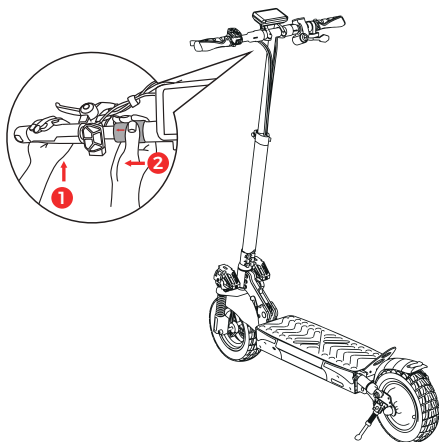
7. Tap to turn on the light.



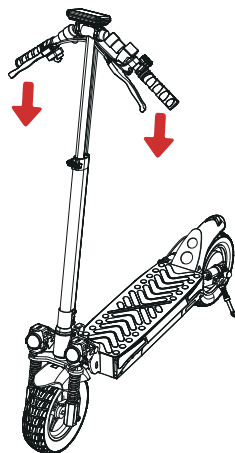
8. Tap to turn on cruise control.



Folding Handlebars



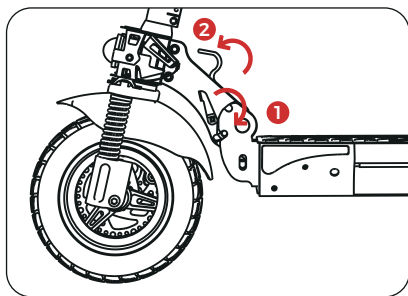
1. Lift up the handlebars so that you can easily slide the locking sleeves in the direction of the arrows.



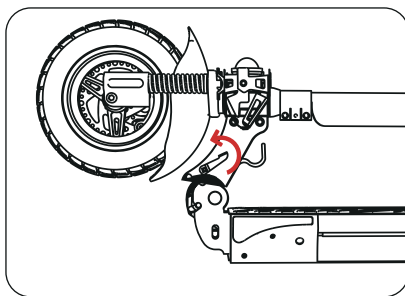
2. Fold down the handlebars.



Folding Instructions



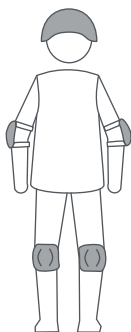
1. First, pull and hold ① in the direction of the arrow. Then push ② in the direction of the arrow until the ring locking pin secures it.



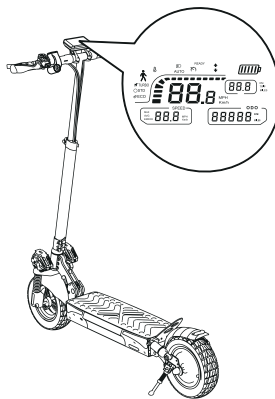
2. Fold the stem to the rear until the black locking lever snaps in place.



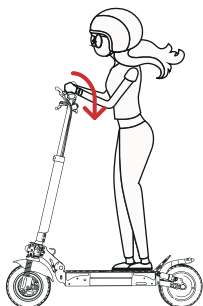
Riding Basics



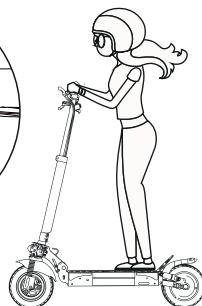
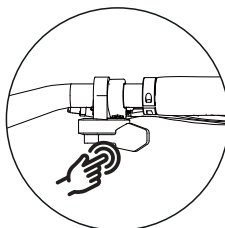
Wear a helmet, elbow pads, and knee pads in case of falls and injuries either you are a beginner learning to ride or you are a seasoned rider.



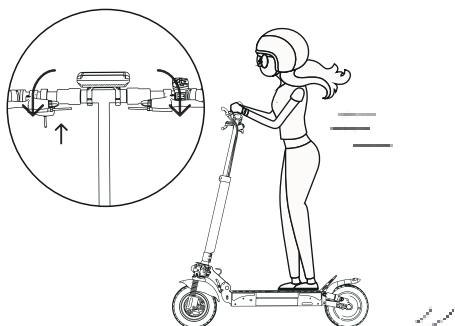
- 1 Turn the power on, and check the battery level indicator.



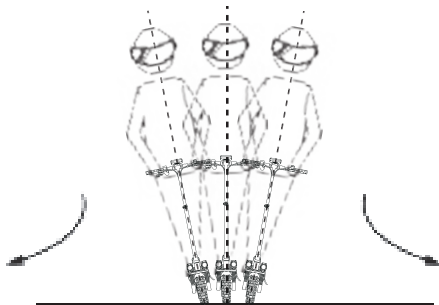
- 2 Stand with one foot on the deck and one foot on the ground. Scoot yourself with the foot on the ground.



- 3 When the scooter starts to move forward, put both feet on the deck and press the accelerator. (The accelerator initiates once the speed exceeds 3 mph.)



- 4 Release the accelerator and the kinetic energy recovery system (KERS) initiates automatically to brake slowly; And squeeze the brake lever for a sudden brake.




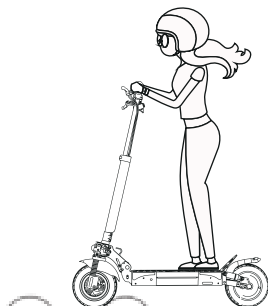
- 5 Tilt your body to the steering direction as you turn, and slowly turn the handlebar.




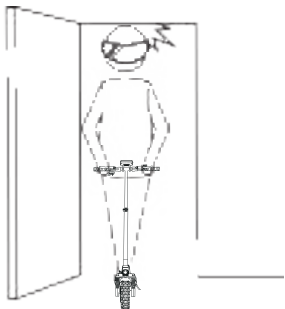
Riding Notice




 Do not ride in the heavy rain.




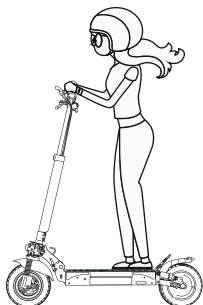
 Please keep a medium or low speed (5 mph) when you ride through speed bumps, elevator door sills, bumpy roads or other uneven surfaces. Slightly bend your knee to better adjust mentioned surfaces.




 Look out for doors, elevators and other overhead obstacles.




 Do not accelerate when you go downhill.



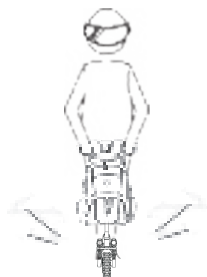
 Do not press the accelerator when you're walking alongside the scooter.




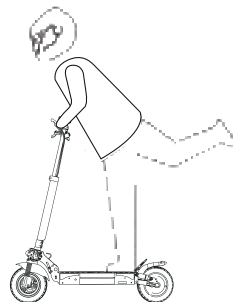
 Always steer clear of obstacles.




Riding Notice



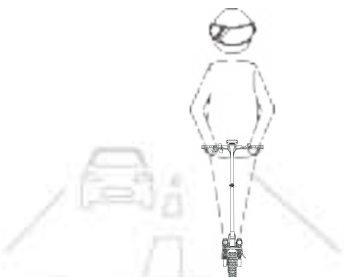
 Do not hang heavy stuff on the handlebar.




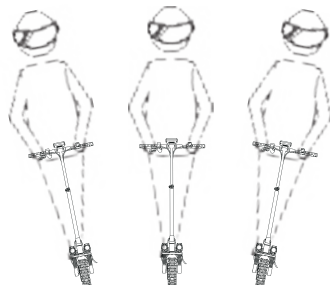
 Keep both feet on the deck all time.




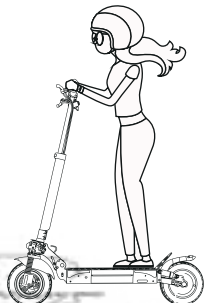
Dangerous Actions




 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 ride in a ponding that is deeper than 1.5 inches.



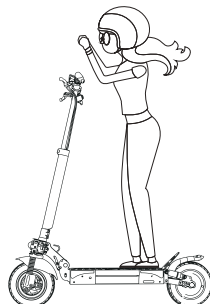
 No passengers are allowed, including children.



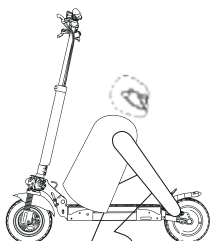
Dangerous Actions



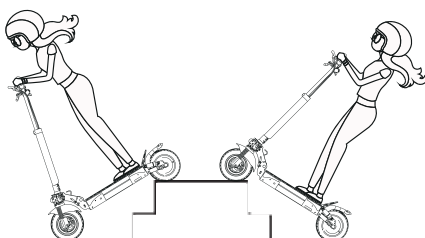
⊘ Keep your feet off the rear mudguard.



⊘ Always keep your hands on the handlebar.



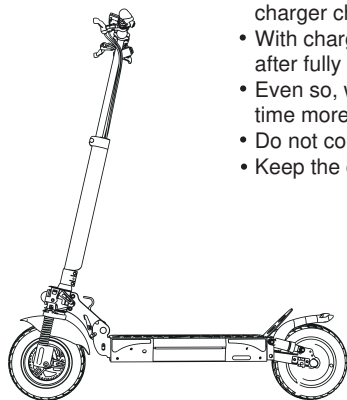
⊘ Do not touch the disc brake rotor.



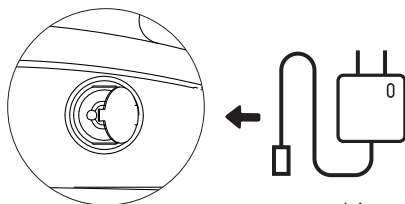
⊘ Do not try riding up or down stairs, or jumping over obstacles.



Charging

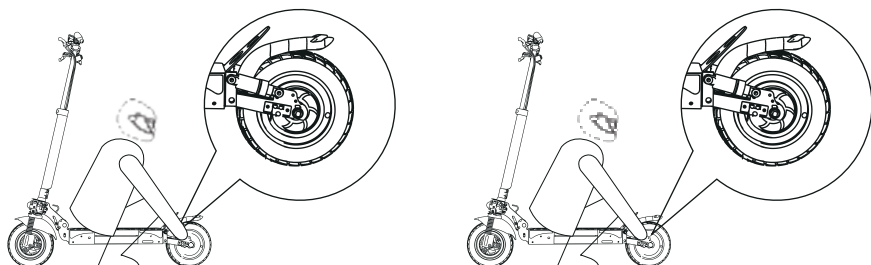


- Your scooter will be fully charged when the LED indicator on the charger changes to green from red.
- With charging protection, it will cut off charging automatically after fully charge.
- Even so, we still don't recommend charging your scooter for a long time more than 24 hours at one time.
- Do not connect the charger if the charging port is wet.
- Keep the charging port closed when not charging.





Disc Brake Adjustment



To adjust the disc brake sensitivity:

You need a hex wrench to remove the screws on the rocker.

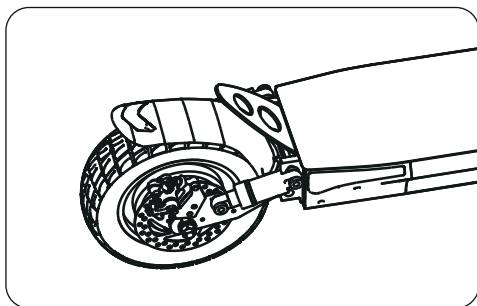
- When the disc brake is too sensitive, rotate the disc brake rocker down a bit. Then, reinstall the screws back to the brake cable core to tighten.

- When the disc brake cannot stop, rotate the disc brake rocker up a bit. Then, reinstall the screw back to the brake cable core to tighten.

Notice: The disc brake may squeak when in use until it is broken in. This is normal and does not affect the brake's function or performance.

To remove the disc brake noise,

First make sure the scooter is turned off. For easier operating, we suggest you put the scooter on the desk.



- Loosen two screws on the pump (not the screw on the rocker).
- Adjust the position of the disc brake pump to ensure that the brake disc is in the middle of the two brake pads.
- Keep the brake disc and brake pad not touching each other.
- Hold the disk brake pump in the desired position, then re-tighten the screws to the pump.



Daily Care and Maintenance

Cleaning and Storage

If you see stains on the scooter's body, wipe them off with a damp cloth. If you cannot scrub off the stain, put on some toothpaste, and brush them with a toothbrush, then wipe them off with a damp cloth.

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 deck 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 is not in use, keep it indoors where it is dry and cool.
- Do not put it outdoors for a long time. Excessive sunlight, overheating, and over-cooling will shorten the battery pack's lifespan.

Battery Maintenance

- 1 Use original battery packs. Use of batteries 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 life span.

Storage and Disposal

- 1 Please try to store the scooter in a cool and dry place between -4°F and 104°F. In extremely humid environments the interior of the scooter may suffer condensation or even water accumulation, which may damage the battery rapidly. Devices are not intended for use at elevations greater than 6562 ft above sea level. Prolonged exposure to UV rays, rain and the elements may damage the enclosure materials, store indoors when not in use.
- 2 In daily use, try to recharge the scooter after completely exhausting the battery. If the battery level is low, charge it as soon as possible.
- 3 Please charge the scooter every other month to preserve the battery.



Limited Warranty Statement

30 DAY SATISFACTION GUARANTEED RETURN POLICY

If you are unsatisfied with your purchase, iScooter's return policy allows you to return the product purchased on the Authorization channel within 30 days counting from the date of receipt of shipment, and request a refund from the Authorization channel for any reason.

Note: Express shipping cost is non-refundable.

For the return request, iScooter is not responsible for lost packages due to the carrier, or products received that cannot be verified. Received products that have damage determined to have been caused by the end-user may be subject to denial of the return request.

TO QUALIFY FOR A REFUND, ALL THE FOLLOWING CONDITIONS MUST BE MET

- 1 A Return Merchandise Authorization (RMA) must be requested from iScooter within 30 days from the date of receipt of shipment. To request an RMA, contact iScooter Service Team at support@iscooterglobal.com.
- 2 The cost of return shipping will be borne by the customer.
- 3 For warranty service, please keep your receipt and/or invoice to validate proof of purchase.
- 4 Returned product must be in good physical condition (not physically broken or damaged).
- 5 All accessories originally included with your purchase must be included with your return.
- 6 If you return a product to iScooter, (a) without an RMA from iScooter (b) without all parts included in the original package, iScooter retains the right to refuse delivery of such return.

LIMITED PRODUCT WARRANTY

iScooter warrants the original purchaser that your iScooter product shall be free from defects in materials and workmanship under normal use for a period aforementioned.

iScooter does not warrant the operation of the product will be uninterrupted or error-free.

iScooter is not responsible for damage arising from failure to follow instructions relating to the product's usage.

REMEDIES

If a hardware defect is found and a valid claim is received by iScooter within the Warranty Period, iScooter will, at its option and to the extent permitted by law, either (1) repair the product at no charge, using new or refurbished replacement parts or, (2) replace the product with a new or refurbished product. In the event of a defect, to the extent permitted by law, these are your sole and exclusive remedies. Shipping and handling charges may apply except where prohibited by applicable law. This Limited Warranty is valid only in the jurisdictions where the products are sold by support@iscooterglobal.com, and is valid to the extent permitted by the applicable laws of such jurisdictions.

Any replacement hardware product will be warranted for the remainder of the original warranty period or thirty (30) days, whichever is longer, or for any additional period of time that may be applicable in your jurisdiction.

HOW TO OBTAIN WARRANTY SERVICE

A Warranty Service Order must be requested from iScooter within Warranty Period from the date of receipt of shipment. To request a Warranty Service Order, contact iScooter Service Team support@iscooterglobal.com.

To obtain warranty service, you must deliver the product, in either its original packaging or packaging providing an equal degree of protection, to the address specified by iScooter. In accordance with applicable law, iScooter may require the customer to furnish proof of purchase details and/or comply with registration requirements before receiving warranty service. period or thirty (30) days, whichever is longer, or for any additional period of time that may be applicable in your jurisdiction.



Fault Codes

Fault code	Reason	Maintenance and treatment
4	Short-circuit fault	Check if there is a wrong wire connection or if there is a short circuit in the installation, remove the short circuit or replace the controller
9	Motor communication fault	Check whether the connection line between the controller and the main controller is well connected.
10	Dashboard communication fault	Check whether the instrument panel and controller assembly cables are normal, turn off, remove the assembly line interface, check the plug-in for slanting and loosening, and insert again after processing. Power on, replace instrument or controller.
11	Motor current fault	Check the motor and the phase line portion of the controller
14	Throttle fault	Check whether the accelerator is completely reset, check whether the accelerator and connection line are normal, can disconnect the acceleration connection line, and restart to exclude exceptions.
15	E-Brake fault	Check whether the brake handle is completely reset, can pull out the electronic brake cable, restart, troubleshooting.
16	Motor communication fault	Start-up fault, check whether the motor Hall wiring is normal, shut-off, pull out the assembly line interface and check whether the plug-in is crooked, or bad contact, correct, restart and troubleshooting
21	BMS communication fault	
50	Battery line fault	The voltage of the main line is too high, and the fault is turned on. You should check whether the battery voltage is normal and faulty during cycling. You should replace the battery or controller to eliminate the problem
53	Controller fault	Beyond the system load, restart, start up failure, the controller should be replaced to eliminate the problem
55	Controller high temperature alarm	The controller temperature is too high, static let the car to cool and then restart. If the startup fails, replace the controller to eliminate the problem.



FAQs

1 What if the scooter arrives with missing accessories or broken parts?

Answer: Please take photos and send them to the iScooter support team by email. We will reply to you soon and send the correct accessory or part replacement.

2 Are the tires replaceable and how to replace them?

Answer: Yes, the tires are replaceable. Please contact iScooter support team for more information or search "How to replace scooter offroad tires" on YouTube for tutorial videos.

3 What if the disc brake doesn't work well?

Answer: Please contact us for disc brake adjustment instructions or search "How to adjust scooter disc brakes" on YouTube for tutorial videos.

4 Why are there noises from the disc brake?

Answer: It usually means your disc brake tilts to cause friction noise. Please see the "Disc Brake Adjustment" page. If you still have problems, please contact us for help.

5 What if there is a fault code on the display screen?

Answer: If you see any fault codes on the display screen, please see the "Fault Codes" page or contact the iScooter support team to remove them.



Contact Us

Contact us if you experience issues relating to riding, maintenance, or faults with your iScooter iX4 electric scooter.

✉ E-mail Service: support@iscooterglobal.com

🌐 www.iscooterglobal.com

Product Warranty Notes

1 Free return and exchange of goods

With in 30 days of delivery, ensure that the product packaging and accessories are complete and that the appearance is clean and tidy.

2 Warranty period

The product will be guaranteed for one year from the date of delivery because of product quality (except for wearing parts). Non-quality problems, such as improper use by the user, impact deformation, breakage, water immersion, improper charging, burning, puncture, unauthorized disassembly and other problems caused by man-made or natural disasters, are not covered by the warranty.

3 Warranty time for wearing parts

Battery: 6 months warranty for quality problems such as battery failure, failure to charge, failure to discharge, low range, tested capacity below 60% of rated capacity under normal use conditions.

Motor	6 months
Controller	6 months
Gauge	6 months, broken gauges/gauge covers caused by external forces or impacts are not covered by the warranty
Tires	3 months for cracking and deformation caused by non-pneumatic tires under normal use, pneumatic tires are not covered by the warranty.
Brakes/brake grips /brake lines	3 months
Throttle /finger paddles	6 months
Speaker	6 months
Electronic lock	6 months