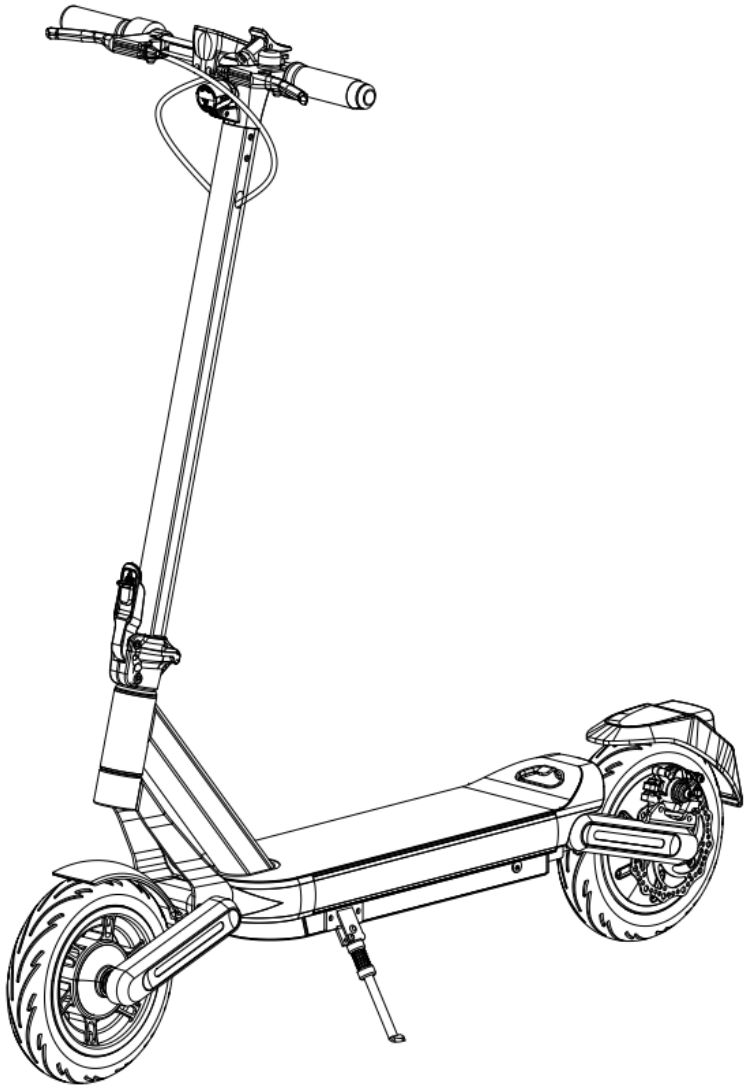


User Manual

IMPORTANT ! Read carefully and keep for future reference

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SAFETY NOTES

PLEASE READ THE OPERATING INSTRUCTIONS CAREFULLY BEFORE OPERATING OR SERVICING YOUR SCOOTER. PROTECT YOURSELF AND OTHERS BY FOLLOWING THE SAFETY INSTRUCTIONS. FAILURE TO FOLLOW INSTRUCTIONS COULD RESULT IN PERSONAL INJURY AND/OR PROPERTY DAMAGE.



The exclamation point within the triangle is intended to alert the user to the presence of important instructions or statements regarding the operation and/or maintenance of the appliance. Please read the operating instructions carefully before using the unit.



WARNING:
To reduce the risk of electric shock, do not remove the casing of this unit. There are no parts inside that can be repaired by the user. Therefore, do not attempt to repair or service internal parts yourself. Leave repairs to qualified service personnel.



KICK-STARTER
Please note that the scooter has a kick-start. This means that you first have to push to get going and only then can you accelerate with the help of the throttle lever.



ATTENTION!
Do not ride in rain or wet conditions - the unit is NOT WATERPROOF!
Do not use e-scooter for jumps or stunts!
Do not use it in slippery conditions!
Do not use under the influence of drugs or alcohol! Avoid paths with
obstacles such as branches, rubbish or stones!
Avoid steep inclines!
Do not ride faster than recommended!
Do not load the device more than permitted!



CAUTION!
Persons with visual balance, coordination, reflex, muscle or bone problems MUST NOT use this vehicle!



ATTENTION!
Children under the age of 10 are NOT allowed to us the device. Children from the age of 10 with a bicycle driving licence and children up to the age of 12 accompanied by a supervisor who is at least 16 years old may use the scooter - however, detailed instructions on how to use the scooter in a safe manner must be provided beforehand and the existing dangers must be described. In addition, helmets are compulsory for children up to 12 years of age.

• Do not use the unit if it has any visible damage.
• We recommend wearing qualified and necessary protective clothing such as helmet, hand and knee protectors, etc. as for comparable sports.
• Before getting on the scooter, make sure that you have positioned the scooter on a level surface and that the scooter is switched on.
• Do not open the scooter, modify the scooter, otherwise the manufacturer's warranty will be void and malfunctions may occur that could result in serious physical injury - even death.
• Only ride the scooter in places where riding the scooter is exClickly permitted. Only use the scooter outside public places and in places where you do not pose a danger to yourself, others or other people's property.
• Never use the scooter under the influence of alcohol and/or drugs.
• Never use the scooter when you are overtired or unfocused. Always have presence of mind and recognise the dangerous situation at an early stage.
• Avoid sudden changes of direction especially at high speeds.
• Make sure that the protection of the charging socket is always in place.
• The scooter is subject to protection class IPX4 and is therefore only spray water resistant NOT WATERPROOF. Never drive through water or rain as this could damage your scooter. Damage caused by water are excluded from this waranty.
• Do not ride through puddles, mud, sand, stones, gravel, grit or on unsuitable rough terrain. For uneven surfaces, it is recommended to carry the scooter until a suitable road surface is found.
• Do not drive in bad weather such as snow, rain, hail, icy roads or extreme heat DANGER OF FLIPPING!
• Avoid driving near swimming pools or other large accumulations of water.
• Prevent riding over obstacles, bumps higher than 1.5cm even if you are an experienced scooter rider.
• Do not talk on the phone or text while driving. Drive attentively and be aware and alert of your surroundings: road condition, people, weather, objects, etc.
• Do not drive the scooter in places with many people. Drive the scooter with extreme consideration and pay attention to people and objects in the vicinity.
• Do not ride up and down steep hills (>15°). On gentle hills and terrain with slight bumps, it helps to bend the knees slightly when riding to absorb shocks and vibrations. This helps you keep your balance on slight bumps up to a certain intensity.
• Never attempt to ride with more than one person at a time. The scooter is only suitable for riding with a single person.
• Do not transport any objects while driving.
• People with balance disorders should not ride the scooter.

• Refrain from operating the scooter during pregnancy.
• Children under 12 years old and elderly individuals should only ride under the supervision of experienced adults and while wearing protective clothing.
• Take note that braking distance increases proportionally with higher speeds and body weight.
• Avoid mounting or dismounting the scooter abruptly. Do not engage in any stunts or tricks while using the scooter.
• Exercise heightened caution when driving in dimly lit areas or during nighttime.
• Ensure that the weight of the rider falls within the specified weight limit of the scooter.
• Steer clear of hazardous locations to prevent fire and explosion accidents caused by flammable gases, vapors, liquids, dust, or fibers.
Adhere to all national and local laws governing the use of scooters in your area.
• Maintain a vigilant approach while driving and be prepared to brake as necessary.
• Using a charger other than the designated one may lead to unit damage and other potential risks. Avoid fully discharging the battery; instead, charge it when there is some remaining capacity (minimum 1 bar on the display) to prolong battery life.
• During charging, keep the battery away from fire or corrosive environments, as it is classified as flammable and explosive. Refrain from attempting to open the battery housing. In case of damage, contact the Service Center.
• Avoid charging the unit in direct sunlight or near an open fire or flames.
Do not use the scooter while it is charging.



Riding the scooter entails inherent risks and is undertaken at your own discretion and responsibility. It is important to recognize that not all potential hazards leading to injury or fatality can be addressed within this manual.

ATTENTION!

Note Regarding Deep Discharge of the Battery:

The longevity and performance of a battery are contingent upon factors such as its age, maintenance, and frequency of use. In comparison to other battery types, lithium-ion batteries exhibit very low self-discharge rates and necessitate periodic charging.

Even during periods of non-use, it is imperative to charge the scooter's battery for at least one hour every two months to prevent capacity loss. Regular charging serves as a safeguard against deep discharge, preserving the battery's integrity.

It is crucial to recognize that a battery subjected to deep discharge becomes irreparably damaged and must be replaced at the owner's expense. Hence, the battery should never be fully discharged, even during operation.

RECYCLING:



The packaging materials are recyclable and it is advisable to discard them in the appropriate waste sorting facilities.

DISPOSAL:



The symbol of the "crossed-out garbage can" indicates the need for separate disposal of waste electrical and electronic equipment (WEEE). Electrical and electronic devices may contain hazardous substances detrimental to the environment. Hence, it is essential to refrain from disposing of them in unsorted residual waste, but rather, deposit them at designated collection points for used electrical and electronic equipment. By doing so, you actively contribute to resource conservation and environmental protection.

For further details, kindly reach out to your dealer or local authorities.

3. Package Contents





User Manual

3. Package Contents

Please carefully check package contents before riding, if anything is missing or damaged, please contact VibeRide customer service for support so we can make sure your ride is exactly how it should be.
help@viberide.com

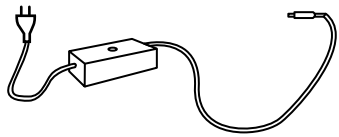
Screw x 4



Allen Wrench



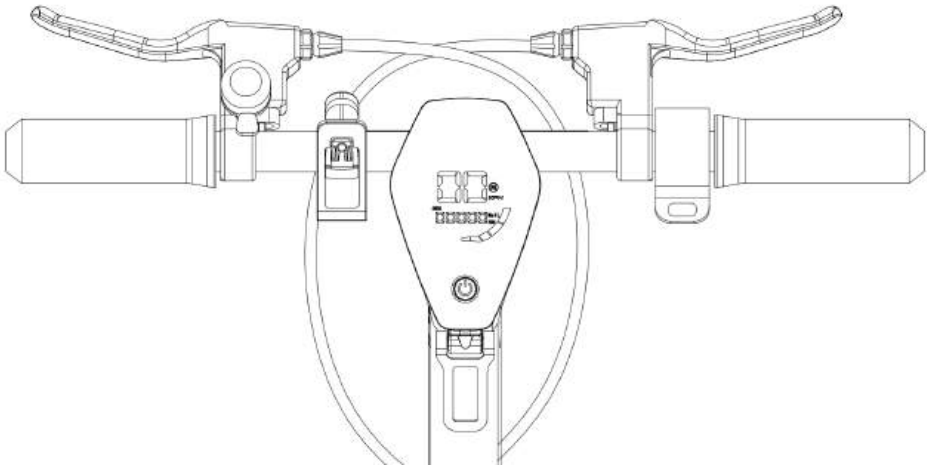
Charger



4. Product Overview



4.1 Control Panel



Power ON/OFF Button:
Long Click 3 seconds to power on, long Click 3 seconds to power off.

Light on:
Single Click the button to turn the light on; Click again to turn off.

Speed level setting:
Click the on/off button twice to switch between the default speed levels to other modes. Each time you Click this button twice, the speed level increases. This cycle repeats itself.

Km/h to MPH setting:
Click ON/OFF button 3 times to change from km/h to mph.
Note: Do not press the accelerator and the brake at the same time.

4.2 Display



Walk Mode: Maximum speed 6 kph



WHITE Low: Maximum speed 10 kph



GREEN Medium: Maximum speed 15 kph



RED High: Maximum speed 20 kph



Power level is indicated by the battery bars. At full charge between 20-100% the battery bars will light up accordingly. Once you get below 20% the lights will begin flashing, please charge before riding again.



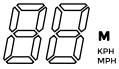
If the Bluetooth symbol illuminates upon powering on the scooter, it signifies the presence of an APP function. This feature enables the scooter to connect to a Bluetooth-enabled mobile phone. Through this connection, users gain the ability to control the scooter directly from their mobile device.



To activate cruise control mode, press and hold the throttle lever at a consistent speed for a minimum of 5 seconds. Upon activation, the cruise control symbol will appear on the display. To deactivate cruise control and return the scooter to normal mode, simply click the throttle lever again.



Turn Signals: Click the to turn on the left turn signal. Click the to turn on the right turn signal.



Speedometer: indicates the current speed while riding.

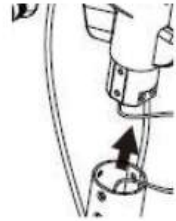


Odometer: Shows the overall distance the scooter has traveled since manufactured

5. Assembly

		
1. Flip the stem bar up and lock it into place.	2. Connect the power cords, Insert the handle bars into the hole at the top of the stem.	3. Use the provided hex wrench to mount the handle bar with the screws.

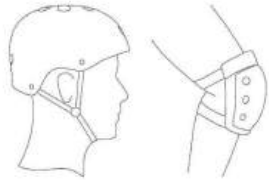
5.2 Disassemble

	
1. Use the provided hex wrench to remove the handle bar screws.	2. lift the handle bar out of the stem and disconnect the power cable.

6. Folding the handlebar

		
1. Undo the folding latch.	2. Pull the stem down to the back wheel.	3. Latch the bar down once completely folded.

7. How To Ride



ALWAYS WEAR PROTECTIVE GEAR WHEN RIDING A MOTORIZED VEHICLE



Step on the deck with one foot and slowly push off the ground with the other.



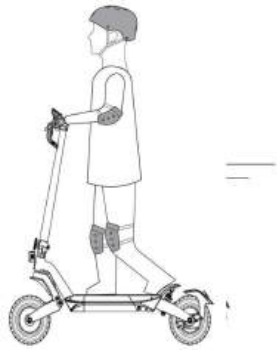
Once pushed fast enough to exceed 3 mph the throttle may be used to increase the speed.



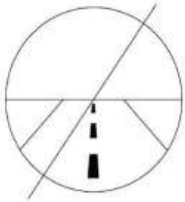
1. The e-scooter adheres to the IP56 protection class, rendering it spray water resistant but not waterproof. Operating the scooter in rainy, snowy, or wet conditions is strongly discouraged. Damage incurred due to water exposure is not covered under warranty. In the event of riding in such conditions, be mindful that rain or snow can extend braking distances and elevate the risk of accidents. It is advisable to proceed with caution and maintain a reduced speed.
2. The rear brake is suitable for regular driving, while both the front and rear brakes should be engaged simultaneously for emergency braking. Avoid employing the front brake alone for emergency stops at high speeds, as this action may lead to a loss of control and potential rollover incidents.



Once the scooter slows to a reasonable speed you can then step off and stop.



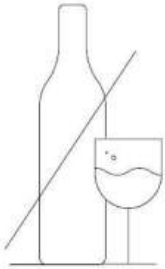
Do not ride at high speeds until you are comfortable with how the scooter rides.



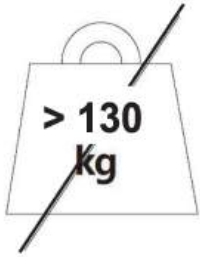
Please adhere to all traffic regulations when riding. It is prohibited to ride on designated



Don't park e-scooters in lobby's, parking spaces, or exit ways.



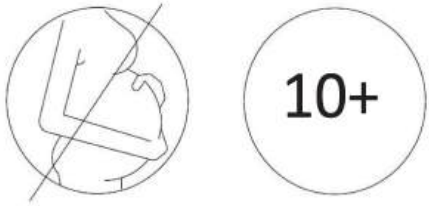
Do not operate this vehicle while under the influence of drugs or alcohol.



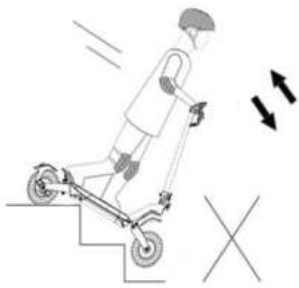
Do not exceed the weight limit of 300 lbs.



Do not ride in the rain or snow. Do not ride through standing water exceeding 1 inch.



Pregnant women are advised against riding electric scooters due to potential injury risks. Children under the age of 10 are strictly prohibited from operating scooters. However, children aged 10 to 12, supervised by an individual at least 16 years old, may operate the scooter. Additionally, children up to 12 years old must wear helmets while riding.



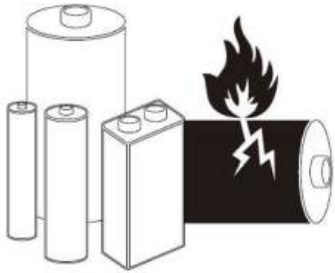
Do not ride up or downstairs or jump over obstacles.



Never take your hands off the handle bars while riding.



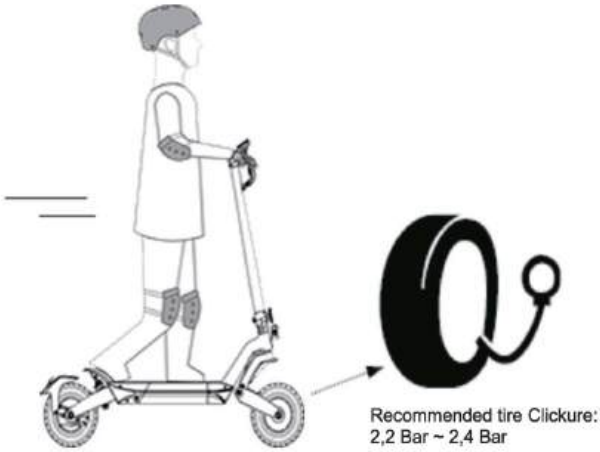
Never ride with more than 1 person on the scooter at a time.



It is strictly forbidden to privately modify the battery of an electric scooter. Modifying the battery poses significant dangers, as improper operation may result in explosions or fires.



Modifying electric scooters privately is strictly prohibited. Private modifications can lead to an unstable electronic system, posing a danger while riding.



12. Before riding an electric scooter, please carefully check the scooter condition make sure that there are no signs of looseness or damage on any part.

9. Battery

Name	Parameter	Name	Parameter	Name	Parameter
Type	Li-ion battery	Battery Capacity	10.4 Ah	Rated Voltage	48V
Max Charging Voltage	54.6V	Max Charging Current	2A	Charging time	5-6h
Store Temperature	0 - 40°C	Charging Temperature	0-40°C	Store Time (0-40°C)	3 Months

9.1 Battery Warnings

1. Ensure that the battery is charged and utilized within the specified temperature range outlined in the battery specification to maintain stable and efficient operation of the electric scooter.

2. When installing the battery, it is essential to remove the charger to mitigate any potential hazards.

3. Under no circumstances should the battery be dissolved or punctured. Additionally, avoid any contact between metal objects and the battery pin electrode to prevent damage to the battery.

4. Disassembling or piercing the battery pack casing is strictly prohibited, as it may lead to short circuits caused by metal objects coming into contact with the battery contacts, resulting in battery damage or personal injury.

5. In the event of water entering the battery circuit, there is a risk of fire or explosion. Cease use immediately if this occurs and seek assistance from the after-sales service promptly.

6. Charging the battery is permitted only with the original adapter provided. Using alternative chargers may result in unforeseen consequences.

7. If the battery is found to be broken, emitting a foul odor, or feeling excessively hot, discontinue usage immediately and ensure that the battery is kept away from other items.

8. Storing the battery after it has been fully charged to 100% capacity can help prolong its lifespan.

9. Avoid storing the battery in conditions below 0°C or above 40°C.

10. If the battery is not used for more than 30 days, it should be charged to at least 80% capacity. It is recommended to fully charge the battery to 100% every 90 days to maintain its functionality.

11. Charging the battery according to the manual's instructions after each use significantly extends its lifespan. At room temperature, the battery can achieve optimal range and performance. However, using the battery at temperatures below 0°C may result in significantly reduced range, potentially halved or even less than at room temperature.

12. Refrain from charging and parking e-scooters in residential buildings. During charging, ensure that the scooter is kept away from combustible materials, and avoid excessively long charging times.

13. Improper disposal of used batteries can lead to serious environmental pollution. Please adhere to local regulations when disposing of batteries to mitigate environmental impact.

9.2 Charging steps

• Open the charging port cover, make sure the charging port is clean and dry.
• Connect the charger with the battery and the other end with power(1 00V-240V;50/60Hz), make sure the charging indicator is on.
• When the indicator light on the charger changes, indicating that the charging process is working normally, otherwise check if the line connection is good.
• The indicator turns green when the charger is charging; it indicates that the battery has been fully charged. Please stop charging; long time over charge will affect the battery life.

10. MAINTENANCE

• Make sure the electric scooter charger and charging line are disconnected and ensure that the electric scooter is off.
• Wipe the shell with a soft cloth to clean the electric scooter. Please don't put more lubricating oil on bearing when you do the maintenance for it.
• Please check the brake system and tire are vulnerable parts at least once a month. When the brake performance and tire grip are reduced, please contact the dealer to replace the corresponding parts.
• Please do not replace the accessories which not provided by manufacturer without permission, to avoid the safety hazard caused by the inconsistency for accessories with the scooter.
• It is forbidden to clean electric scooters by using water cannon or soaking in liquid. This will cause permanent damage of the electronic devices in the host.
• In order to protect the user's safety, the user can not take apart the electric scooter, otherwise, the user will give up the maintenance warranty rights of the product automatically.

• Please charge your electric scooter before storage, for preventing the battery from discharging too long time. Please ensure charge at least once every three months.
• If the storage environment temperature is lower than O 0c, please don't charge electric scooter. Please charge the a-scooter in inside environment temperature above 10˚c ; storage temperature is -0 "C to 40"C.
• Please keep the electric scooter in a suitable place indoor, dry and appropriate temperature. You can mask the electric scooter to prevent from the dust.

11. Technical Specs

Spezification		
Packing size:	cm	118 x 217x 58
Net Weight	kg	22
Max speed	KPH	20
Max load	KG	120
Max climbing angle	Degrees	20
Operating temperature	°F	14-100
Storage temperature	°F	14-100
Waterproof level		IP54
Akku spezification		
Battery type	/	Lithium Ion
Battery capacity	Ah	10.4 Ah
Rated voltage (DC)	V	48
Maximum charging voltage (DC)	V	110V-240V
Motor spezification		
Motor type	/	Brushless
Rated voltage	V	2.2kW per 40 Mi
Charger specification		
Input voltage(AC)	V	54V 3A (110V-240V)
Output voltage	V	54.6
Output current	A	2

User Body Parameter Restrictions
The safe operation of this product depends on the user's body size and weight. Individuals outside the following range are strictly prohibited from using this electric scooter.
Parameters Limiting Values Explanation
Maximum User Weight 120 kg (including carried items) Exceeding this weight will result in : excessive stress on the frame, exceeding the safe design for braking distance, overloading of the tires causing blowouts, and overheating of the motor. Specific values should be based on the product label or technical specification sheet.
Maximum User Height 200 cm Excessive height will cause an excessively high center of gravity, large inertia moment during steering, and increased risk of losing control; at the same time, the standing posture will be unnatural, making it difficult to operate the brake handle correctly.
Minimum User Height 120 cm Those shorter than 120 cm cannot simultaneously hold the handlebars stably and press the pedals firmly; their vision will be obstructed; and they cannot safely jump off in an emergency.
Maximum Applicable Age 60 years (for those in good health and without balance disorders) Older people have decreased reaction speed, balance ability, and bone strength, resulting in a high risk of fractures after a fall. It is recommended that users over 60 years old use it with caution after a doctor's assessment.
Minimum Applicable Age 14 years Children under 14 years old do not have the ability to judge traffic risks or operate emergency responses. In some regions, laws require 16 or 18 years old or above. Please abide by local regulations.

Important Note:
Users whose weight is close to the upper limit (>100kg): The maximum driving speed should be appropriately reduced (recommending no more than 15km/h), and the frequency of tire pressure checks should be increased (twice a week).
Users with a height close to the upper limit (>190cm): When cycling, you need to actively bend your knees to lower your center of gravity and avoid sharp turns.
Pregnant woman: It is strictly prohibited to use electric scooters. Even at low speeds, the vibrations or slight jolts may cause miscarriage or premature birth.
Persons with physical disabilities or mental disorders: Use is prohibited without the permission of a professional doctor.
User Responsibility: The user must accurately assess whether their physical condition meets the above requirements. If they conceal or ignore the limitations and use this product, all risks and consequences arising therefrom shall be borne by the user themselves.

Prohibited road conditions
Using this product under any of the following conditions is a dangerous act and may result in serious injury or death:
X Soft surfaces: sandy ground, muddy ground, grassland, snowy ground, icy surface
X Damaged road surface: Potholes, cracks, excessive height of speed bumps (more than 1.5 cm with sharp edges), protruding manhole covers, construction areas
X Wet road surface: Water depth exceeding 3mm, slippery tiles, marble floors, roads that have just been watered, moss-covered roads
X Off-road conditions: Mountain dirt roads, gravel roads, forest paths, sandy beaches
X High-traffic areas: crowded pedestrian streets, markets, queuing areas, overpasses
X Motor vehicle lanes and highways: Unless explicitly permitted by local laws and dedicated lanes are available

Handlebar Load Warning

Warning: Do not hang, place or add any additional load to the handlebar (including but not limited to: bags, shopping bags, child seats, large phone holders, water bottle holders, decorations, etc.).

The handlebar is the key component for controlling the direction. Any additional load will cause the following dangers:

Changing the vehicle's center of gravity: Additional weight will raise or shift the center of gravity, resulting in sluggish steering response and body swaying. This is especially prone to causing loss of control at high speeds or in curves.

Affecting balance stability: The load on the handlebars generates an inertial torque. When you turn the handlebars, the load will intensify the shaking, and even cause "death oscillation" (high-speed self-excited oscillation).

Reducing braking safety: The additional front load will alter the distribution of braking forces between the front and rear wheels, potentially causing the front wheels to lock up and tip over or the rear wheels to spin out.

The only permitted attachments: original factory-designed lightweight dashboard or mobile phone navigation bracket (with a load not exceeding 200g). Regular checks are still required after installation to ensure there is no loosening.

Cleaning and Washing

Correct cleaning methods:

Use a damp and wrung-out cloth to wipe the frame, fenders, handlebars and other parts. For stubborn stains, you can dilute a neutral cleaner and wipe it with a damp cloth. Then, wipe it clean with a wet cloth and finally dry it with a dry cloth.

The tires can be cleaned with a soft brush dipped in water, but avoid washing the gaps of the hub motor.

Prohibited Matters (Which May Result in Warranty Expiration and Safety Risks):

X It is strictly prohibited to use high-pressure water guns or water taps to directly rinse the entire vehicle or any of its components.

X It is strictly prohibited to immerse the vehicle in water or wash the battery compartment, charging port, instrument panel, controller, or motor.

X Do not use alcohol, gasoline, thinner, acidic or alkaline cleaners, as they may corrode the paint, plastic and electronic components.

X It is strictly prohibited to apply any cleaning agents or lubricants on the brake discs or brake pads.

Serious Warning: Extended Braking Distance in Wet Weather
Critical Safety Warning:
On wet, rainy, snowy, icy or leaf-covered/sand-covered/stone-covered roads, the friction coefficient between the tires and the ground drops sharply, resulting in significantly longer braking distances (typically 2-4 times that of dry roads).
Please make sure to follow the following rules:
Avoid cycling on rainy days. If you must ride, reduce your speed to 50% of the normal speed (it is recommended not to exceed 10-12 km/h).
The distance from the preceding vehicle/obstacle should be at least three times (or more) greater than that in dry weather conditions (for example, 5 meters in dry conditions, and at least 15 meters in rainy conditions).
When braking, the action must be gentle and gradual. Avoid any sudden braking; otherwise, it is very likely to cause skidding or overturning.
After passing through the water puddle, gently apply the brakes several times to remove the water film on the brake disc/brake pads and restore the braking performance.
The water depth must not exceed the center axis position of the hub motor (usually no more than 5-7 cm). Otherwise, water entering the motor will cause a short circuit and result in the loss of warranty.
After cycling: If the bike has been used in a humid environment, please dry the body as soon as possible and place it in a dry and ventilated place to air-dry. This is to prevent the bearings from rusting or the electrical components from getting damp.
Caution notice: The tire design of electric scooters is mainly for use on flat and dry roads, and does not have the same level of wet-road grip as motorcycles or cars. On wet roads, even with a well-performing braking system, there is no guarantee of a safe braking distance.

Correct Usage Instructions (including braking techniques and warnings for wet weather)
19.1 Basic Correct Usage Rules
Riding posture: Stand with both feet in the middle of the pedals, knees slightly bent, and keep the body weight low and stable. Hold the handlebars firmly with both hands, and gently touch the throttle/brake control levers with your thumbs.
Starting and Accelerating: First, firmly press the pedal with one foot, then use the other foot to push off the ground to gain initial speed. Afterwards, gently push the accelerator (or press the start button and then gently push the accelerator). Avoid sudden acceleration when the vehicle is stationary.
Maintain your field of vision: Keep your eyes 15-20 meters ahead, constantly observing the road conditions, pedestrians, vehicles and obstacles. Never look down at your phone or dashboard.
Maintain a safe distance: Keep a buffer distance of at least 2 meters from the vehicle in front, pedestrians, and the curb.
Night cycling: Front and rear lights (or reflective strips) must be turned on. It is recommended to wear a reflective vest or reflective strips.
Prohibited Actions:
Prohibit holding the handle with one hand (such as holding an umbrella or a mobile phone)
No earphones or headsets are allowed to be worn (as they will block out ambient sounds)
Prohibition of riding after drinking alcohol or while being fatigued.
It is prohibited to exceed the maximum speed when going downhill.
It is prohibited to lend out the scooter to those who are not familiar with its operation.

WARNING !
As with any mechanical component, a vehicle is subject to high stresses and wear. The various materials and components may react differently to wear or fatigue. If the expected service life for a component has been exceeded, it may break suddenly, therefore risking causing injuries to the user. Cracks, scratches and discoloration in the areas subject to high stresses indicate that the component has exceeded its service life and should be replaced. ”

Traffic in the city has many obstacles to cross such as curbs or steps. It is recommended to avoid obstacle jumps. It is important to anticipate and adapt your trajectory and speed to those of a pedestrian before crossing these obstacles. It is also recommended to get out of the vehicle when these obstacles become dangerous due to their shape, height or slippage.

WARNING Keep plastic covering away from children to avoid suffocation.

Take the time to learn the basics of the practice to avoid any serious accident that can take place in the first months;

1）In any case, anticipate your trajectory and your speed while respecting the code of the road, the code of the sidewalk and the most vulnerable.
2） Notify your presence when approaching a pedestrian or cyclist when you are not seen or heard.
3） Cross the protected passages while walking.
4） In all cases, take care of yourself and others.
5） Do not divert the use of the vehicle.
6） This vehicle is not intended for acrobatic use.
7）Caution, the brake may become hot in use. Do not touch after use.

Regularly check the tightening of the various bolted elements, in particular the wheel axles , the folding system, the steering system and the brake shaft.
1） Eliminate any sharp edges caused by use.
2） Do not modify or transform the vehicle, including the steering tube and sleeve, stem, folding mechanism and rear brake.

A-weighted emission sound pressure level ≤ 70 dB(A)
1） the A-weighted emission sound pressure level at workstations, where this exceeds 70 dB(A); where this level does not exceed 70 dB(A), this fact shall be indicated,
2） the peak C-weighted instantaneous sound pressure value at workstations, where this exceeds 63 Pa (130 dB in relation to 20 μPa),
3） the A-weighted sound power level emitted by the machinery, where the A-weighted emission sound pressure level at workstations exceeds 80 dB(A).

Suggestions on Battery Charging and Charger Usage
Use the original charger: Make sure to use the original charger provided with this product, or the charger of the specified model by the manufacturer. Chargers from different brands or with different parameters may cause battery overcharging, overheating, fire or even explosion.
Avoid excessive discharge: Do not fully drain the battery before recharging. It is recommended to charge the battery promptly when the remaining charge drops to 20%-30%. Long-term excessive discharge can permanently damage the battery.
Avoid overcharging: Once the battery is fully charged, promptly remove the charger. Although this product's charger has an overcharge protection function, continuous plug-in for a long time may still accelerate battery aging.
Pre-charging inspection: Before each charging session, check whether the charging cable , plug, and charging port are dry, undamaged, and free of foreign objects. If any damage is found, stop using it and contact the after-sales service for replacement.
Charger usage environment: When the charger is in operation, it will generate heat. It should be placed on a hard, flat surface with good ventilation. Do not cover it with fabric, paper, or place it on flammable materials.
After charging, the disconnection method is as follows: First, remove the plug that connects the charger to the scooter, then remove the power plug. Do not pull the cable to pull out the plug.

During the charging process, turn off the vehicle's power supply or enter a specific non-operational mode.
It is necessary to turn off the power: Before charging, make sure that the power switch of the electric scooter has been turned off (the display is off and the vehicle is in a power-off state).
Prohibit turning on the device for charging: During the charging process, the power must not be turned on; otherwise, it may damage the charger, battery management system (BMS) or controller, and there is a risk of electric shock.
Prohibition of Riding: Do not ride the vehicle while charging. The vehicle can only be started after the charger is unplugged.
Specific non-operational mode: Some models will automatically enter the "charging protection mode" when charging - at this time, the battery management system (BMS) will cut off the power supply circuit for the motor, and the vehicle will be unable to move. This is a normal phenomenon and no additional operation is required. Do not forcefully start or push the vehicle while it is charging to avoid damaging the drive components.
When folding or transporting while charging: If you need to move the vehicle while it is charging, please unplug the charger first.

Warning:

Only use the original charger. Using an unauthorized charger may cause fire, explosion or serious injury.
It is strictly prohibited to charge electronic devices in bathrooms, balconies, stairways, safety exits or in the rain outdoors. Charging must be done in an indoor environment that is dry, well-ventilated and far away from flammable materials.
When charging, please do not cover the charger or scooter to ensure good heat dissipation.
If the charger cable is damaged, the plug is deformed or water gets into the charging port, do not charge. Contact the after-sales service immediately for repair.
During the charging process, if you notice any abnormal heating, strange odors, smoke or unusual noises, please immediately disconnect the power supply and move away from the vehicle. Then, contact a professional for handling.
Do not allow children or individuals without independent decision-making ability to perform the charging operation.
After the battery is fully charged, please promptly remove the charger. Do not keep it plugged in for a long time (more than 24 hours).
Do not charge the battery when it is visibly bulging, leaking or the casing is damaged. Immediately stop using it and contact the after-sales service for handling.
Danger:
Do not throw the battery into fire or heat it up; otherwise, it may explode.
Do not strike, puncture or disassemble the battery pack. Internal short circuiting can cause a fire.
If the vehicle is involved in a collision or gets submerged in water, please have a professional check the battery condition first. Only after confirming it is safe can you recharge it.

Regular maintenance is a crucial factor in ensuring the safe operation of electric scooters. To ensure your riding safety and extend the service life of the electric scooter, please pay close attention and carry out the following maintenance contents regularly. Ignoring maintenance may lead to premature wear of components, malfunction, and even safety accidents.

Daily maintenance tasks that users can perform themselves

The following maintenance operations are simple and safe. We recommend that you conduct regular self-checks and executions:

Check tire pressure: Maintain the recommended pressure. Insufficient pressure will increase rolling resistance, reduce range, and may damage the tires.

Check and tighten visible screws: Regularly visually inspect the screws at the handlebars, down tubes, folding mechanisms, mudguards, etc. If any are loose, promptly tighten them using the corresponding tools.

Check the lights and horn: Ensure that the headlights, taillights (or brake lights), and horn/buzzer are functioning properly to guarantee safety during night time or in poor visibility conditions.

Check battery power and charging port: Use the battery within the recommended power range. Ensure the charging port is dry and free of foreign objects.

Check the locking mechanism of the folding device: Before each ride, ensure that the folding latch is fully closed and securely locked, with no abnormal shaking.

2. Cleaning Suggestions

Proper cleaning not only maintains the appearance but also prevents the accumulation of dirt from causing further wear on the components.

Frequency: Depending on the usage environment, it is recommended to clean the product every two weeks or after each rain or after cycling on muddy roads.

Method:

Use a soft damp cloth to wipe the frame, handlebars, dashboard and other parts.

For stubborn stains, use a neutral cleaner (diluted), and avoid using alcohol, gasoline, acidic or alkaline solvents.

It is strictly prohibited to directly use water guns or high-pressure water streams for cleaning, especially in areas such as the battery compartment, motor, controller, charging port, and instrument panels where electronic components are located. It is recommended to clean these areas using a damp cloth that has been wrung out or a soft brush.

Notes:

After cleaning, dry the entire vehicle with a dry cloth to prevent any water stains from remaining.

Do not clean the scooter upside down to prevent water from entering the handlebars or the instrument compartment.

When cleaning the brake discs, avoid getting any oil stains on them, as this will seriously affect the braking performance.

Brake Adjustment Method and Friction Component Replacement Suggestions
The brake is the core component for ensuring riding safety. Please conduct regular inspections and follow the following methods for adjustment.
Adjustment method for mechanical disc brakes
Required tools: 14mm T-shaped socket wrench or a suitable size open-end wrench
Adjustment steps:
Confirm that the scooter has been turned off and is not connected to a charger.
When the brakes are too tight (with obvious resistance when the wheels rotate): Turn the adjusting nut on the brake cable counterclockwise to shorten the exposed part of the brake cable and reduce the tension of the brake cable.
When the brakes are too loose (even when the brake lever is fully depressed, the braking still doesn't work effectively): Turn the adjusting nut on the brake cable clockwise to extend the exposed part of the brake cable, thereby increasing the tension of the brake cable.
After adjusting by 1-2 turns, rotate the wheel and test the brake feel. Gradually fine-tune it to the optimal state.
Note: Do not adjust the brakes too tightly. Otherwise, during an emergency brake application, the front wheels may lock up, causing the vehicle to tip forward.

Important instructions on prohibiting unauthorized modifications
Please strictly adhere to the following principles:
It is strictly prohibited to modify or adjust any part of the electric scooter, especially to remove or change the maximum speed limit set at the factory.
Only original or designated model accessories approved by the manufacturer can be used . Using unauthorized accessories may cause serious personal injury or damage to the vehicle.
It is strictly prohibited to modify the controller parameters, replace the non-original factory motors or batteries. Otherwise, it may lead to:
The motor overheats, the battery life shortens, and even there may be fires or explosions.
The frame stability has declined and the braking system has failed due to overloading.
In the event of an accident, no insurance claims or manufacturer liability determinations can be obtained.
Any modifications not explicitly permitted in the manufacturer's manual are regarded as " unauthorized modifications". Please do not attempt them.
Illegal modifications not only pose a threat to your and others' safety, but are also illegal in most areas. They may result in legal consequences such as fines and vehicle seizure.

When the following situations occur, please ensure that they are handled by qualified professional maintenance personnel. Do not attempt to disassemble the equipment by yourself, as this may lead to safety hazards or equipment damage:
Electronic component failures (controller, dashboard, battery pack interior, motor)
Maintenance requiring replacement of the brake cables or internal wiring
The critical parts that need to be tightened according to specific torque values (such as the axle, brake caliper fixing screws, etc.)
Any repair that requires disassembling the internal structure of the frame to be completed
Tire removal and replacement (for some models, including motor hubs)
How to find a qualified repair shop
Here are three recommended repair channels, ranked by reliability:
Channel 1: Official brand after-sales service (preferred)
This is the most reliable and safest option. Authorized official repair shops can ensure:
Use original factory-approved components (not inferior counterfeit products)
The technicians have received professional training and are familiar with the structure of the vehicle model.
The repair will not affect the original factory warranty rights.

