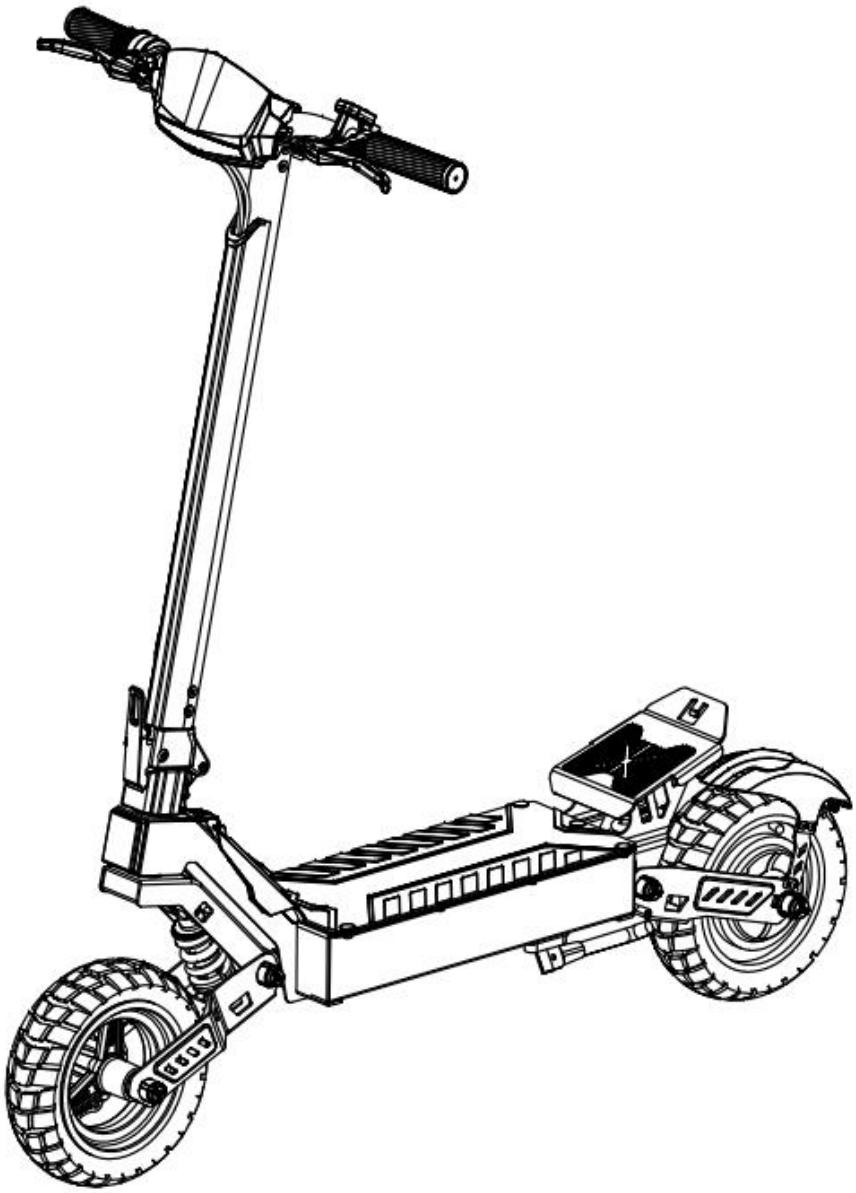


K2 Electric Scooter User Manual

Thanks for choosing us. To make your E-Scooter up and start enjoying an exciting experience,

please read this manual carefully.

IMPORTANT! Read carefully and keep for future reference

WARNING



IMPORTANT WARNING!

DO NOT modify or tamper with the speed limiter or motor controller. Unauthorized modifications can lead to loss of control, component failure, severe injury, and will void the product warranty.

ALWAYS wear appropriate safety gear, including a certified helmet, knee pads, elbow pads, and gloves, whenever operating this scooter.

Failure to comply with these mandatory safety instructions may result in serious personal injury or death. The user assumes all risks and liabilities for any accidents, injuries, or damages resulting from the failure to follow these warnings.

Contents

1 General safety instructions ---------- 3

2 Battery safety instructions ---------- 4

3 Safe use of battery charger ---------- 4

4 Vehicle technical information ---------- 5~6

5 Instructions for use ---------- 6~11

6 Package Contents ---------- 12

7 Vehicle fault code and troubleshooting ---------- 12~13

General safety instructions

› This is a product, not a toy. When driving an electric scooter, you should wear protective equipment (helmet, hand, elbow and knee protection devices.

› Do not remove your hands from the handlebars and do not use the phone while driving.

› Do not make dangerous moves or drive with one hand, and place your feet on the scooter.

› Before using your electric scooter, make sure you understand the local regulations. Such vehicles cannot drive on narrow sidewalks.

› Only one person can ride an electric scooter. The law prohibits more than one person from riding the same electric scooter at the same time.

› Only use original brand accessories. Unauthorized modification is strictly prohibited.

› Do not disassemble your electric scooter at will.

› The higher the speed of the electric scooter, the greater the braking distance. On some smooth roads, emergency braking can cause the scooter to slip, lose its balance or even fall. Therefore, when driving a scooter, you must stay alert, drive at an appropriate speed, and keep a safe distance from pedestrians or other vehicles

› When walking on a scooter, avoid rapid acceleration/deceleration and lean acceleration.

› Do not use your electric scooter in heavy rain, and do not use it in a puddle of more than 4 cm, there is a danger of the motor being immersed in water; avoid extreme temperature use.

› Do not bring the electric scooter near the fire.

› When the electric scooter is driving fast, don't try to jump on or off; don't use the electric scooter to play extreme sports.

› Do not hang heavy objects on the handlebars.

› Before each use, thoroughly check the entire device, such as whether the locking screws of the motor, front wheels, folding joints, etc. are fastened and reliable. Do not drive at will before correcting any problems.

› Any electric scooter that does not work properly may be dangerous.

› Do not try to jump over curbstones/highlands more than 3 cm away, as this may cause damage to the driver or the scooter.

› We recommend that you do not use electric scooters on rough roads and ground, as this will increase the possibility of tire damage.

› Do not charge or use this product outdoors in an environment below -5° C.

› Pregnant women, the disabled, and those with heart problems should not use this product

› An electric scooter is a way to move independently. Our technology and production process are developed and verified through very strict testing.

› If you do not operate the electric scooter according to the instructions in this manual, it may damage the product or cause personal injury.

Battery safety instructions

› The battery should not be exposed to excessive heat, such as sunlight, near a fire or similar high temperature environment. There is a danger of explosion.

› If it is not used for more than 30 days, it should be fully charged and stored.

› If it is not used for a long time, the battery should be fully charged every 90 days. Otherwise, the battery will discharge by itself and be damaged.

› If the battery emits a strong odor or emits heat, stop using the product immediately. Do not open the product shell without authorization, let alone try to disassemble the battery.

› Batteries should be disposed of properly and safely.

Safe use of battery charger

› The charger is not suitable for children and people with mental disorders.

› Before use, carefully check whether the power plug and cable are damaged.

› You must use a charger that matches the product to charge. The charger cannot be abused.

› The product must be charged in a well-ventilated environment. After the battery is fully charged, disconnect the charger from the power supply immediately.

› Before cleaning, storage and transportation, disconnect the battery from the charger and allow it to cool down.

› Do not connect the damaged product to the charger to avoid electric shock.

› Protect the charger and other electrical components from moisture. When cleaning or using, do not soak them in liquid.

› Do not disassemble the charger privately. Repairs must be carried out by professional and reliable personnel. Incorrect assembly may cause fire or electric shock.

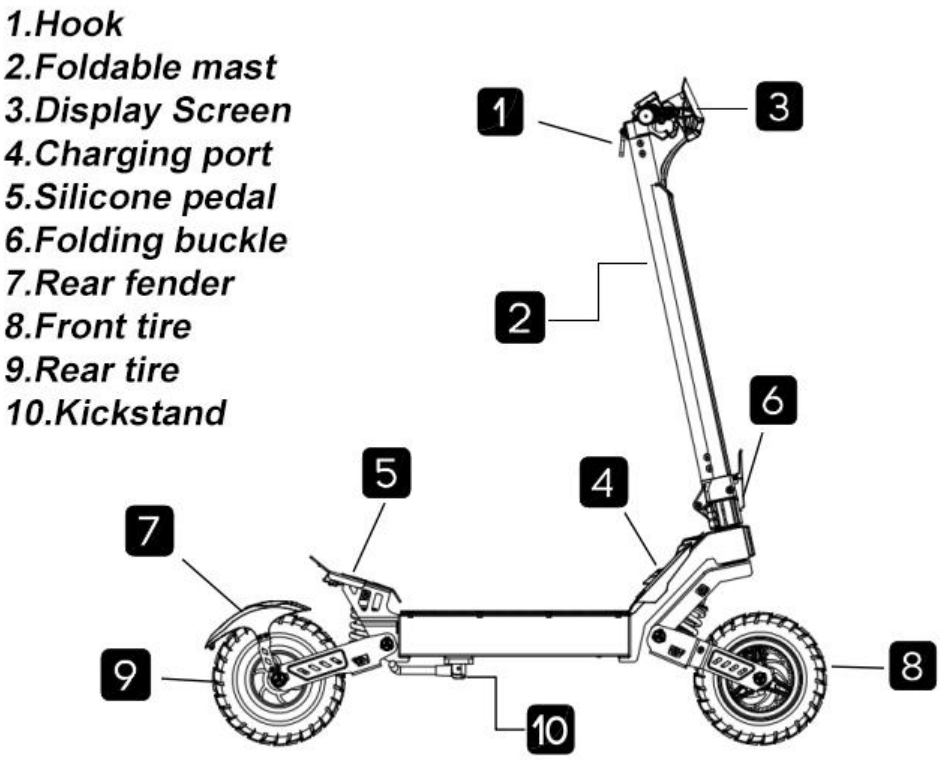
› Do not place the charger near flammable and explosive materials. There is a risk of fire and explosion.

› When using the charger, please make sure that the charger and the charging port are well connected, correct and not blocked by foreign objects.

› Be sure to place the power cord where no one will fall, step on, or damage it. So as not to cause harm to people or things.

› Do not charge near flammable and explosive materials

Vehicle technical information



Whole-vehicle

The Project	Content	Parameters
Vehicle parameters	Net weight	27Kg
	Max speed	20Km/h
	Climbing ability	20% degrees
	Adapto the terrain	Both city and country
	Operating temperature	-10~40 degrees
	Storage temperature	-20~40 degrees are available
	Waterproof rating	IPX5

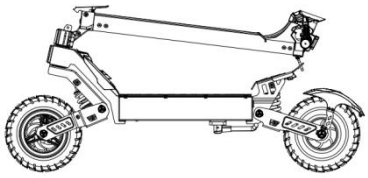
	Charging time	8-9hours
Battery parameters	Rated voltage	48V
Motor parameters	Wheel size	10 inches
	Tire type	Off road tire
	Rated voltage	48V
	Motor type	Brushless DC motor
Charger	Input the voltage	100V~240V
	Output voltage	54.6V
	Output current	2A
	Maximum load	120KG

Instructions for use

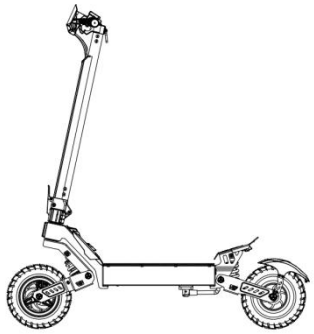
Use the operating steps for the first time

This section provides information about how to use the product correctly. Following these instructions is necessary for the safety of the user and the service life of the product.

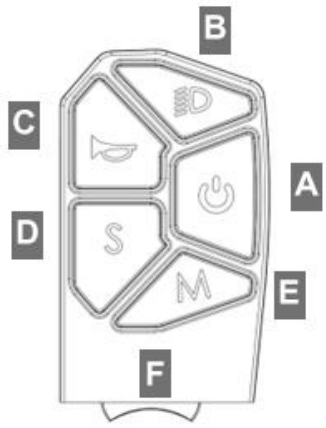
1. Insert the handlebars assembly at the fold large tube and lock the screws.
2. Close the fold plug, buckle the lock.



Insert the handlebars assembly at the fold large tube and lock the screws.



Close the fold plug, buckle the lock.



A.Power ON/OFF button: Long press 3

B.Light button: short click to switch on/off

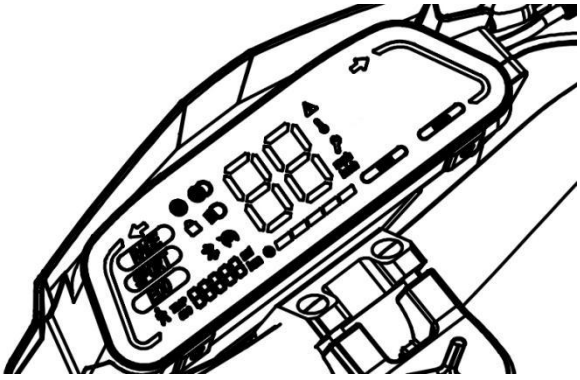
C.Horn: whistle and warning

D.S button : short click to change the gear

E.M button: switch from KM/H to MPH

F.Turning signal button:switch the right turning

Display indicator instruction



Five LED lights on the screen indicate the battery capacity:
- When 5 leds light up, the capacity is between 100% and 90%.
- When the battery runs out, all five LED lights turn off (one warning red stays on) and the scooter coasts to a stop naturally due to inertia. It is necessary to carry out the charge urgently. It is recommended not to discharge the battery 100% and charge it before use.

Speed mode indicator:
Pedestrian mode (walk) 

Economy mode
sport mode
race mode



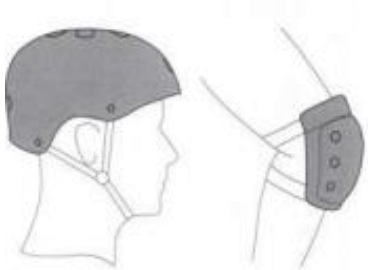


Lights: After turning on the scooter, press the light switch button to click the multi-function switch. The light symbols will be shown on the display when all vehicle lights are on.

In pedestrian mode ( ): the pedestrian symbol will be shown on the display when the vehicle speed is equal to or less than 6Km/h.
- Maximum speed: shows the highest speed of the entire journey.
- Current speed: the display shows the current speed during the trip
- Single mileage: shows the actual mileage during the trip and automatically returns to zero after turning off the power supply.

The photographs of the published products are illustrative (non-contractual images). It is possible that some image may be updated to a higher version without prior notice

Riding operation

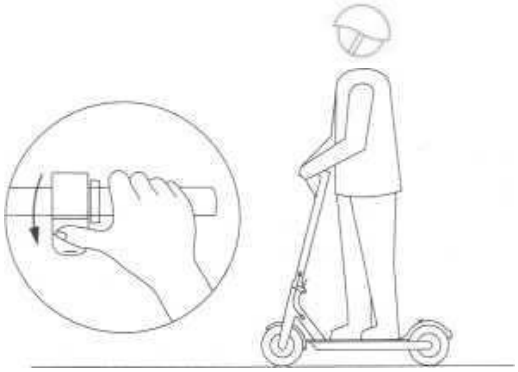




There is a risk of falling injury during the study period, so please wear a helmet and a protective gear as shown

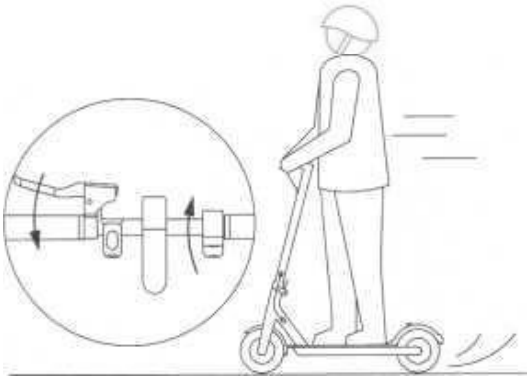
1. Turn on the power and check the power indicator

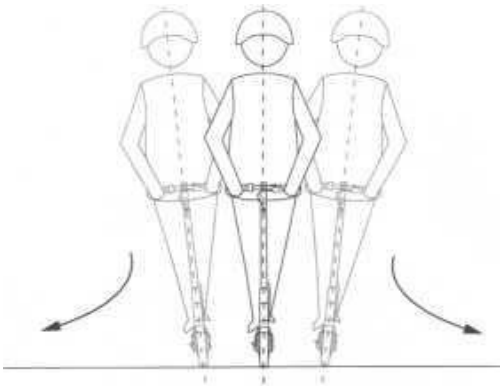




2.Single feet stand on the board, the other foot pedal back.

3. After electric scooter slide, the other foot pedal, when feet remain stable, tap the port finger (to be 5km / h above the speed will start the throttle





4.Release the throttle finger can slow deceleration, energy recovery system automatically open to help slow down, emergency brake need to shake the brake,handle at the front left handle

5.When the focus is slightly tilted to the steering direction, and slowly turn the handle

Safety instructions

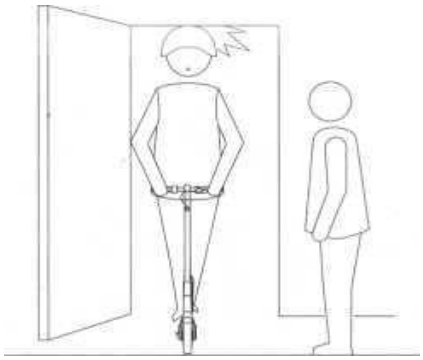
Avoid security risks





. Please avoid riding in the rain

. Encounter deceleration zone/elevator threshold/potholes and other unconventional road pavement, please do not pass at high-speed. Encounter rough road, please keep in the low speed (5-10km/h). A slight kneeling allows you to better adapt to the complex road





. To avoid the head hit the door frame, elevators and other obstacles

. Do not accelerate at downhill



. Do not press the throttle when walking



. Please avoid obstacles to ride the electric scooter

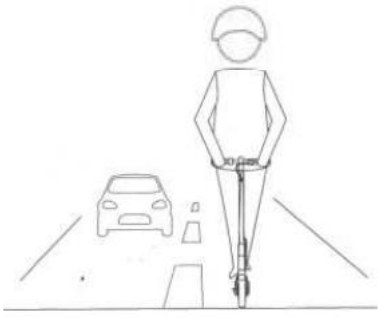


. Do not hang heavy objects such as backpack on the handlebar

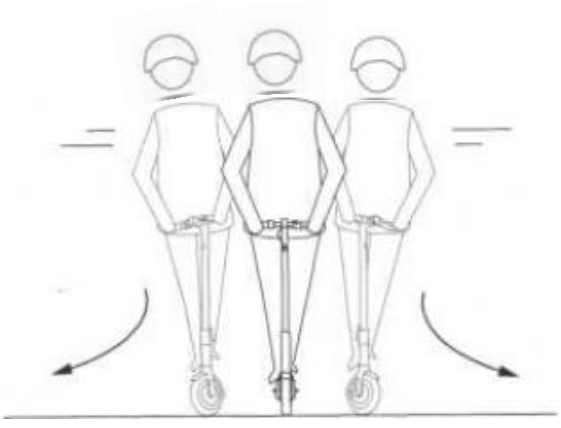


. Do not ride on the pedal or on the ground

Do not try the dangerous actions



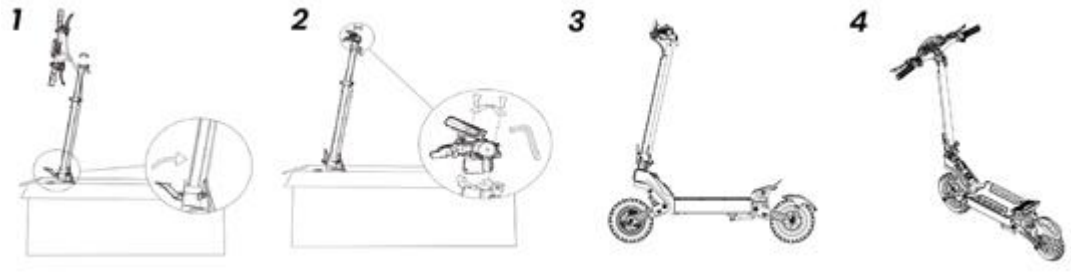
Prohibit the ride electric scooter into the motor scooter lane and the car mixed with the residential



It is forbidden to turn the handle at high speed

How to unfold the scooter:

Step 1:
Open the package, lift the vertical rod, and then secure the folding wrench up.
Step 2:
Use a 5mm hex wrench to lock the pipe clamp by hand.

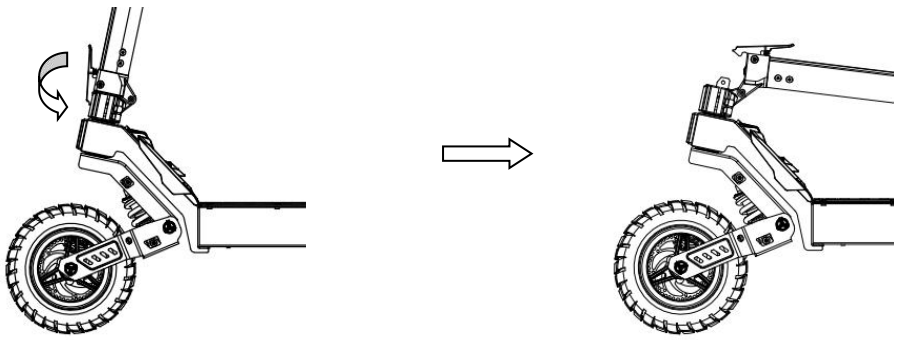


Step 3:
Hold the handlebar and the center of the pedal simultaneously, place the scooter on the ground, and open the foot brace.
Step 4:
Check the condition of the scooter body, such as whether the screws are secured and if the headlights are functioning correctly.

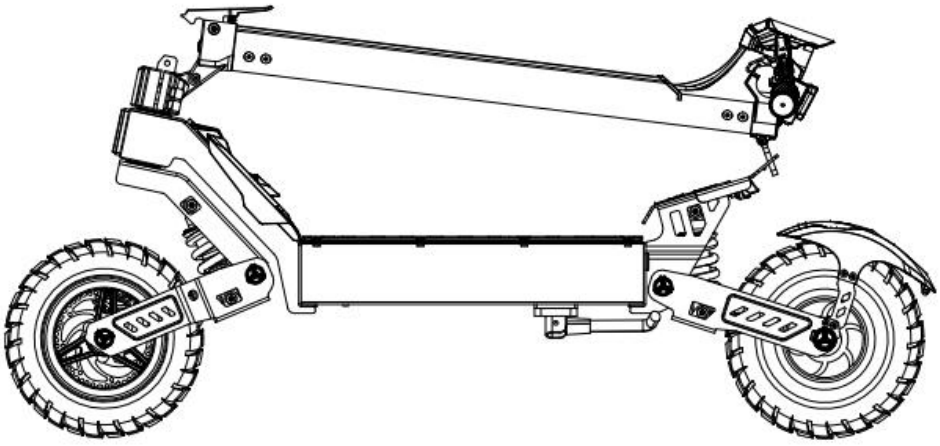
Refold the scooter:

1、Hold the steering stem, open the safety lock;

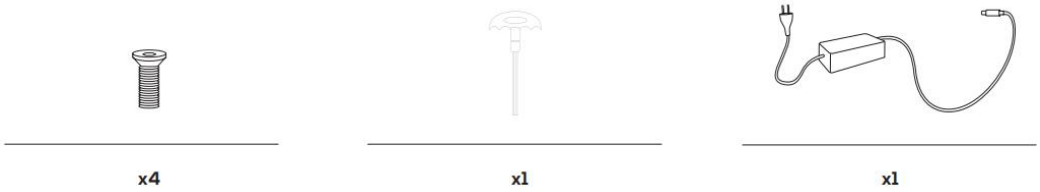
2、Folded the handlebars and tubes to the rear.



Package contents:



Annex



Packaging including: 1 x Scooter, 4 x M5*P0.8 screws, 1 x 15 # internal hexagon wrench, 1 x charger

Error code and troubleshooting:

Error code and troubleshooting		
Error code	**Failure description**	**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	**Secondary motor communication has failed**	**Check whether the connection line between the secondary controller and the main controller is well connected.**

10	**Dashboard communication has failed**	**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 sensor is abnormal**	**Check the motor and the phase line portion of the controller**
14	**Accelerator Hall exception**	**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	**The brakes put Hall abnormal**	**Check whether the brake handle is completely reset, can pull out the electronic brake cable, restart, troubleshooting.**
16	**Motor Hall exception**	**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**
19	**Secondary motor Hall exception**	**Check the secondary motor Hall wiring for normal, check the replacement motor or controller to eliminate problems**
21	**The BMS communication is abnormal**	
50	**Bus line high voltage**	**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	**System overload**	**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.**

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):

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

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

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

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;

Avoid high traffic areas or overcrowded areas.

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).

1. Suggestions on Battery Charging and Charger Usage

Use the original charger: Make sure to use the original charger provided with this p roduct, or the charger of the specified model by the manufacturer. Chargers from di fferent brands or with different parameters may cause battery overcharging, overhea ting, fire or even explosion.

Avoid excessive discharge: Do not fully drain the battery before recharging. It is rec ommended 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 pl ug-in for a long time may still accelerate battery aging.

Pre-charging inspection: Before each charging session, check whether the charging ca ble, 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 c onnects the charger to the scooter, then remove the power plug. Do not pull the c able to pull out the plug.

2.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.


KEPOW