



X4 PLUS

USER MANUAL

Two-wheel Self-balancing Scooter

WARNING

- Whenever you ride the X4 PLUS you risk death or serious injury from loss of control, collisions, and falls. It is your responsibility to learn how to safely ride the X4 PLUS in order to reduce this risk. To ride safely you must follow all instructions in the user materials, including the User Manual and Safety Video. These materials are available at our official website.
- Always wear a helmet when riding. Use an approved bicycle or skateboard helmet that fits properly with the chin strap in place, and provides protection for the back of your head.
- Never place anything on the Mats except your feet. Doing so could interfere with the Rider Detection system and allow the X4 PLUS to travel on its own, risking running into a person or property and causing injury or damage.
- Avoid obstacles and slippery surfaces that could result in a loss of balance or traction and cause a fall.
- Pay attention to all Safety Warnings and Alerts from the X4 PLUS. They indicate unsafe operating conditions. You must learn about and understand the X4 PLUS Safety Alerts described in the User Manual and respond as instructed.
- Do not get back on the X4 PLUS after a Safety Shutdown until the condition that caused the Safety Shutdown has been identified and corrected.
- Never restart and ride your X4 PLUS after it has indicated an empty battery condition or performed a Safety Shutdown due to low battery. The X4 PLUS may not have enough power to keep you balanced, especially if you demand a lot of power at once. If you restart and continue riding, you risk falling. Also, you risk damaging your batteries, resulting in reduced battery life and capacity.
- While the X4 PLUS is designed to keep you upright under a variety of conditions, you can overpower the balancing capability of your X4 PLUS by aggressively leaning into and ignoring the Speed Limiter.
- Do not insert the power cord if the X4 PLUS Charge Port is wet.
- Always shut down your X4 PLUS and unplug the AC Power Cord before performing any maintenance or installing any pa
- All X4 PLUS parts must be properly installed. Never attempt to use your X4 PLUS without the LeanSteer Frame attached and secured. Using your X4 PLUS without all parts properly installed could damage your X4 PLUS and result in serious injury from loss of control, collisions, and falls.
- Use only official approved parts and accessories. Do not modify the X4 PLUS. Modifications to the X4 PLUS could interfere with the operation of the X4 PLUS, could result in serious injury and/or damage, and could void the X4 PLUS Limited Warranty.
- Theft detection systems, such as the type used in some libraries and retail stores, can interfere with the X4 PLUS's ability to balance and/or cause the X4 PLUS to perform a Safety Shutdown. Do not ride within 5 ft. (1.5 m) of any theft detection system.



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1. About this user manual

To learn to ride X4 PLUS safely, you must read and follow all instructions and warnings in this manual and watch the Safety videos. It is important that you follow all the safety warnings and cautions that appear throughout this manual and that you use good judgment when you ride your X4 PLUS. If you have questions which could not find in this manual, please contact our sales or service department.

2. Risk of ride

X4 PLUS is a self-balancing, personal transporter that uses balancing technology. Balancing technology cannot prevent injury if you do not ride it accordingly to this manual. Whenever you ride X4 PLUS, you could have serious injury from loss of control, collisions, and falls. To reduce risk of injury, you must read and follow all instructions and warnings in all the user materials includes Safety videos.

3. Preparatory work before use

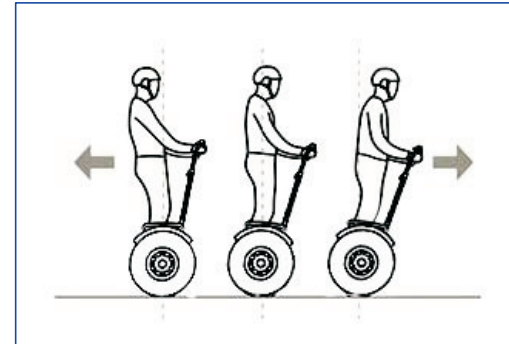
Before you begin, it may be necessary to assemble your X4 PLUS. The battery should be charged for >5 hours. To assemble X4 PLUS and charge the batteries for the first time, refer to this Manual. Please pay attention to the tranquil surroundings, and check every part of X4 PLUS are tightened, no damaged; and wear all the protection materials (helmet, elbow guards and knee pads).

1. X4 PLUS Introduction

X4 PLUS

The principle of self balancing scooter is based on the basic principle of a kind of "dynamic stability", which is the automatic balancing ability of the scooter itself. To determine the posture of the ride and the scooter by the built-in precision gyroscope, through the precise and highspeed of the central microprocessor to calculate the appropriate command, to drive the motor to achieve the balance of the effect. As X4 PLUS is a new type of personal transporter, it is difficult to define the type of the traditional classification. Some people think X4 PLUS should be a wheeled version of the unicycle, some others think it is a kind of dynamic scooter, but it is different from the traditional uniaxial wheel or biaxial Wheel Scooter. And in some formal occasions (such as the official rules of the road), X4 PLUS scooter could be called "electric personal mobility device", commonly known as an electric scooter.

X4 PLUS is equipped with two wheeled, the width of the ordinary adult shoulder width, weight 40kg, powered by battery. During riding, it does not need brake or throttle lever. When the rider leans forward, the scooter goes forward; when the rider's body stands straight, it stops. X4 PLUS uses the principle of dynamic balance, when the body moves, the center of gravity of the body action will change continuously to get the balance. . With wheels instead of the foot, it replaced the high precision balance of human being, low-cost, no prolusion, quietly, and convenient. X4 PLUS could run around 4-5 hours after one fully charged.



2. APP guide

X4 PLUS

2.1 How to download APP

IOS : enter “App Store” search “iRobot”, you can download APP for ios (left picture)

Android : please scan the QR code below (right picture)



IOS

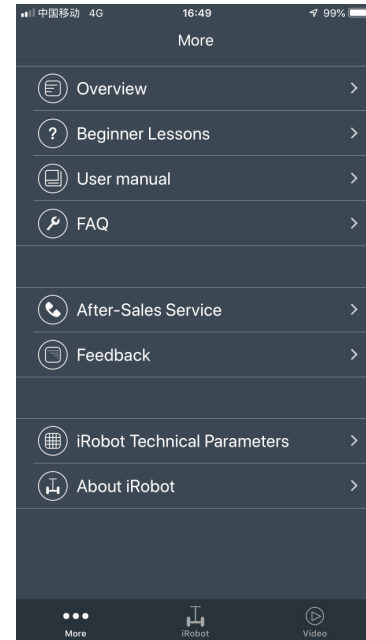
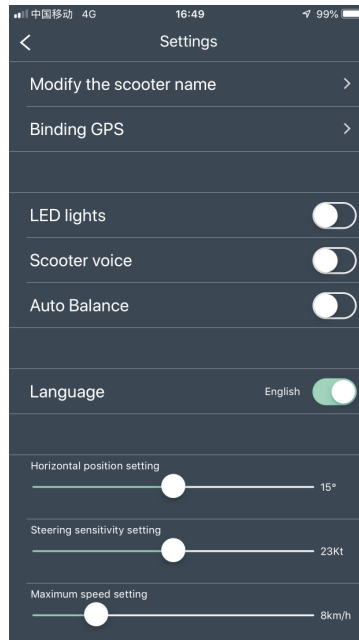
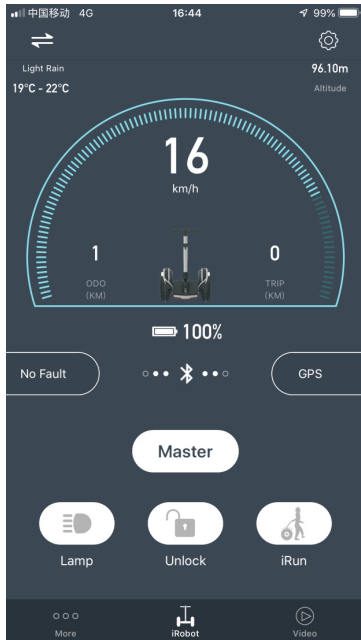


Android

2. APP guide

X4 PLUS


2.2 APP control panel



2. APP guide

X4 PLUS

2.3 How to connect APP

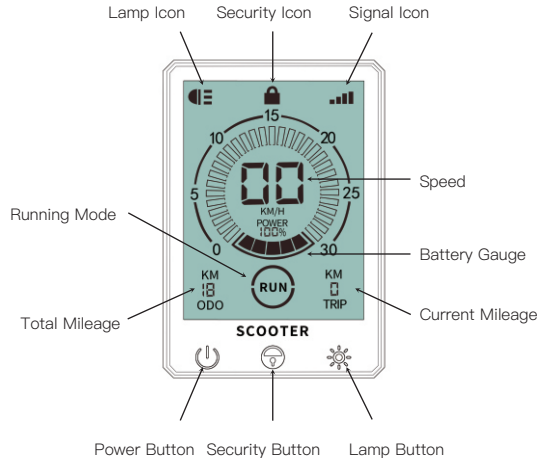
- 1) Open “Bluetooth” for your mobile phone.
- 2) Open APP, press top left corner  enter search the name of X4 PLUS, and then, connect the name with your APP. If you connected successful, you can see all functions and settings of X4 PLUS.

3. The InfoKey Controller




X4 PLUS

3.1 The InfoKey Controller

Use the InfoKey Controller to operate and monitor your X4 PLUS . The InfoKey Controller has three buttons and a display in the center. The InfoKey Controller must be within 15 ft. (5 m) in order to communicate with your X4 PLUS. When X4 PLUS speed >1KM/H, the display will always be on. When X4 PLUS speed drops to zero(0), after about 20 seconds, the InfoKey Controller will turn off, and will need to press Power button to turn back on.



The InfoKey Controller Buttons:

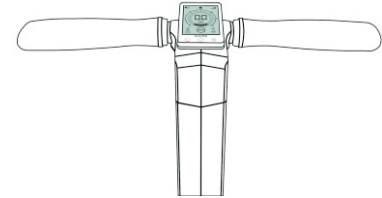
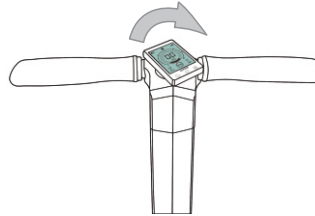
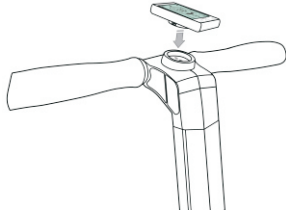
Button	Description
 Power	Allows you to power the InfoKey Controller on and off.
 Security	Allows you to activate the security function(Lock and unlock).
 Lamp	Allows you to turn on/off the lamp.

3. The InfoKey Controller

X4 PLUS

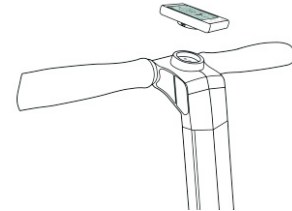
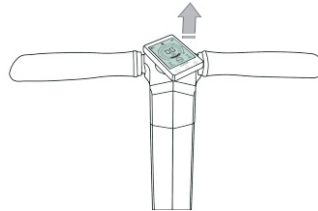
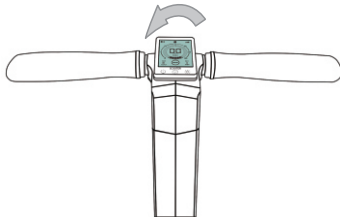
3.2 How to dock/undock the InfoKey Controller

How to dock the InfoKey Controller:



Put the InfoKey Controller into the InfoKey Controller Dock. Turn the InfoKey Controller clockwise by hand.

How to undock the InfoKey Controller:



Turn the InfoKey Controller anticlockwise by hand. take the InfoKey Controller from the dock.

3. The InfoKey Controller

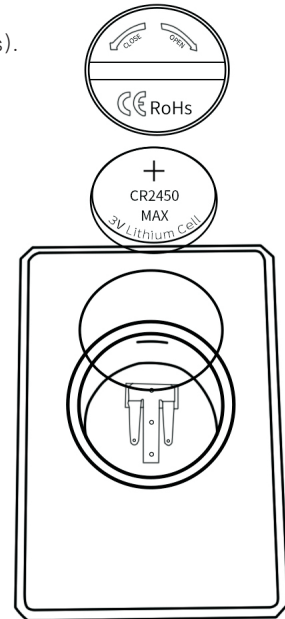
X4 PLUS

3.3 Replacing the InfoKey Controller Battery

Tool Required: Coin or flathead screwdriver.

Accessories Required: Battery CR2450 (these batteries are available at electronics stores).

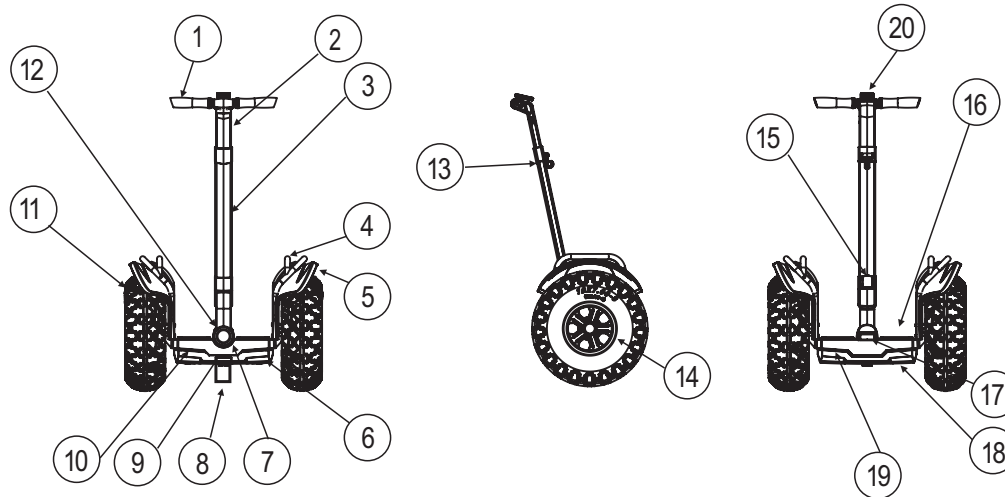
- 1: Remove the InfoKey Controller from the Dock.
- 2: Using a coin or Flathead screwdriver, unscrew the back cover of the InfoKey Controller.
- 3: Remove the old battery CR2450.
- 4: Insert the InfoKey Controller battery with the positive (+) side facing up.
- 5: Screw on the InfoKey Controller back cover.
- 6: Screw on the InfoKey Controller Dock Adapter.



4. X4 PLUS Overview

X4 PLUS

4.1 X4 PLUS general view



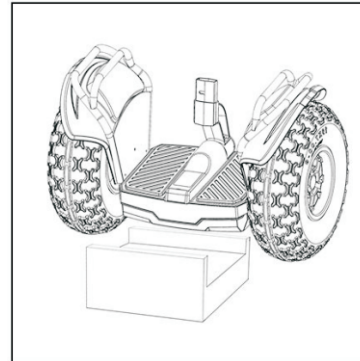
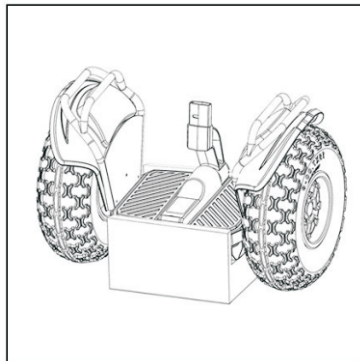
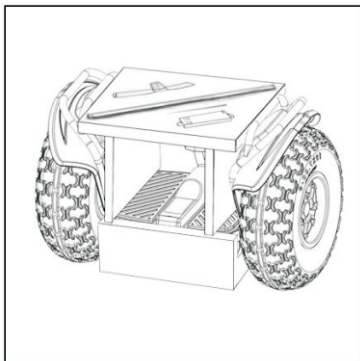
1	Handgrip	5	ABS mudguard	9	Stand press-button	13	Height adjuster hook	17	Power cover
2	LeanSteer(adjust)	6	Front chassis cover	10	Front cornering lamp	14	Moto	18	Integrated Battery Pack
3	LeanSteer	7	Chassis	11	Tyre	15	Quick coupling joint	19	Back cornering lamp
4	Rack	8	Packing stand	12	White LED lamp	16	Rubber foot pad	20	The InfoKey Controller

5. Install X4 PLUS

X4 PLUS

5.1 Check the accessories

After carefully unpacking, take out the leansteer assembly, the packing parts for the handle bar, and XX4 PLUS airframe in order.



Checking the package:

X4 PLUS contains the following parts, please check after open the package. If there is anything missed, please contact the seller.

X4 PLUS main body X 1	LeanSteer X 1	Handgrip X 1	Charger X 1
Tool X 1	Screw X 4	User manual X 1	Warranty card X 1

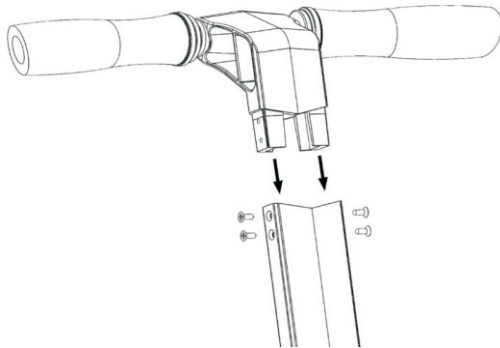
5. Install X4 PLUS

X4 PLUS

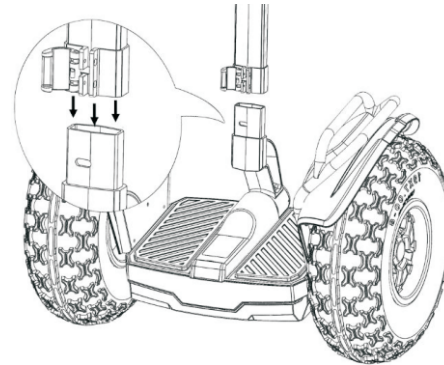
5.2 Preparation before assembly

Before the assembly of the X4 PLUS you should first find the Phillips screwdriver supplied with the product in the package. It should be well preserved for maintenance and transportation in the future. This screwdriver is made in compliance with the metric standard, so that you may get one either in your toolbox or from a tool store. It is suggested that you wear a pair of gloves during assembly so as not to pollute or injure your hands.

Mount handlebar and leansteer frame



Insert handlebar into leansteer frame, and use screwdriver tighten 4pcs screws.



Insert leansteer frame into main frame, and fasten the clockwise joint.

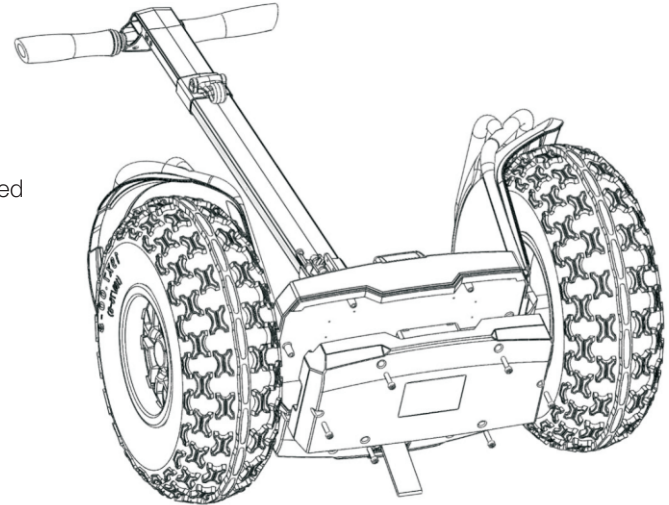
5. Install X4 PLUS

X4 PLUS

5.3 Install Battery Pack (Battery Pack Replacement)

Take out the “M6*20 hexagon socket cap head screw” and use 5mm hexagonal wrench to screw it in the middle hole of the battery. Take out the “M6*20 hexagon socket cap head screw” to screw it in the two side holes of the battery. Then fasten all the screws in order.

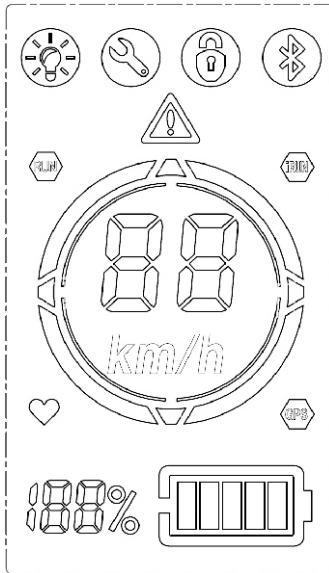
Lay X4 PLUS mainframe flatwise with the battery assembled therein and fasten up the screws.








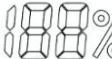






6. Function Introducti

X4 PLUS

6.1 OLED display



			
Light icon	Fault icon	Lock icon	Bluetooth icon
			
Warning icon	Speed icon	Battery icon	Battery percentage
			
Skillful mode	Beginner mode	Pulling mode	GPS

6. Function Introducti

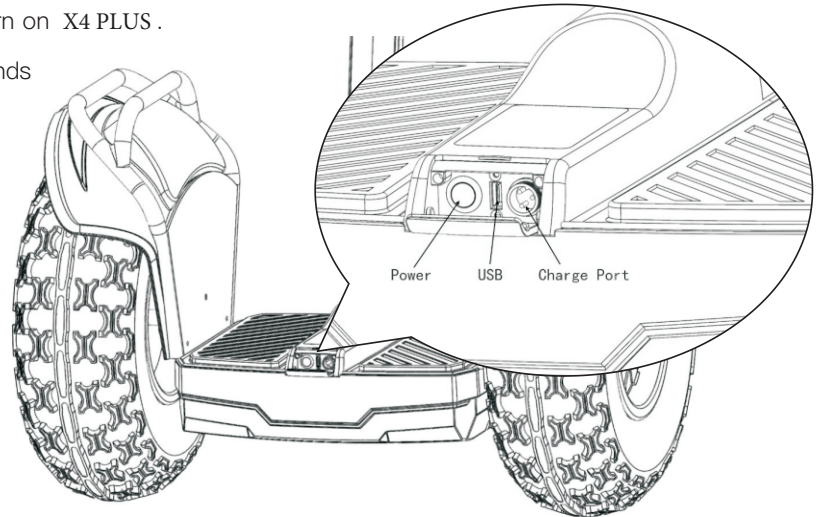
X4 PLUS

6.2 Power button, USB port and charge port

At the mainframe back of X4 PLUS , there is a USB charging port which supports standard USB equipment and provide 5V/1A current. You can charge the mobile phone or other USB devices with input <150mA charging. Picture 1: Power button, charge port and USB port position.

Power switch functions:

- a) Turn off state, press power switch and turn on X4 PLUS .
- b) Turn on state, press power switch 2 seconds can turn off X4 PLUS .
- c) Turn on state, press power switch can turn on LED lamp.



6. Function Introducti

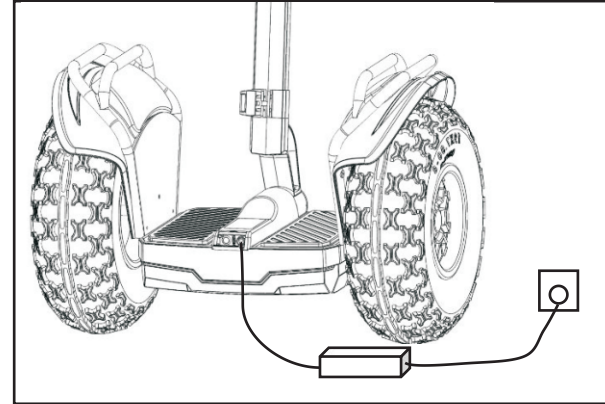
X4 PLUS

6.3 Charging method

1st step: Find the charging port at the back of X4 PLUS main frame, open the back cover, to check if the charging port is dry firstly.

2nd step: Connect the charging port with the charger (100~240V, global common), then plug it into the power AC supply.

3rd step: When the LED indicator on the charger turns red, which means the scooter is charging normally; when the indicator turns green, the scooters is charged fully and please stop charging, unplug the charger port to save the battery life.

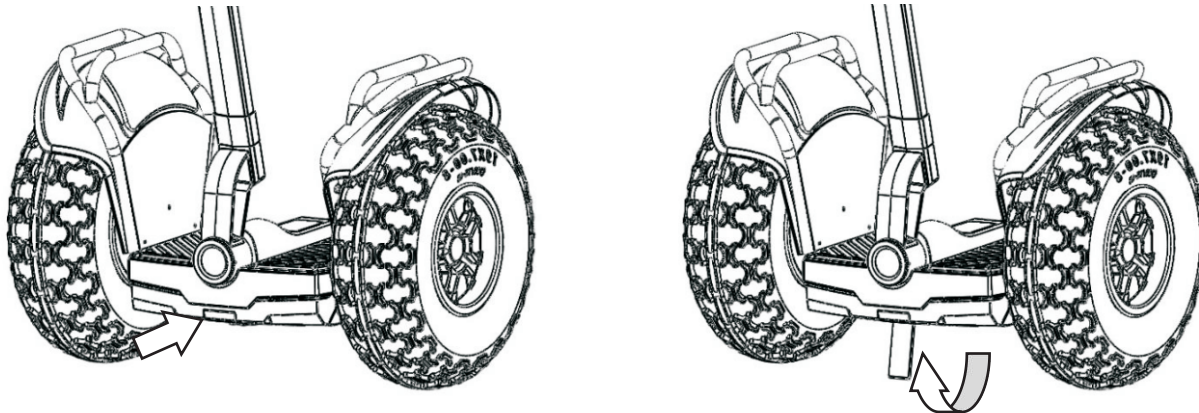


6. Function Introducti

X4 PLUS

6.4 How to use parking stand

- * How to release the packing stand down: use your tiptoe press the button of stand, the packing stand will release automatic.
- * How to close the packing stand: use your tiptoe push the stand to the top back side.



7. Guide for safe riding X4 PLUS

X4 PLUS

7.1 Guide for safe riding X4 PLUS

Apart from an entertainment robot, X4 PLUS is also a transportation vehicle which may have the risks similar to those of all other commuting tools. However, if you follow the information in Chapter 4“Guide for Safe Riding” in this manual, it may maximize the safety of you yourself and others. By so doing, it will not cause heavy injury to you even if unrecoverable faults happen to X4 PLUS or something unexpected happens to your body.

There is one thing you should remember. During riding, you should be cautious and keep a reasonable and safe distance with other people and transportation means. This is because although you ride your X4 PLUS on the road or in a public occasion in compliance with the Guide for Safe Riding, you may be subject to the risks resulted from improper driving or operation by other people or of other transportation means. It is just as you may be injured by other transportation means when you are walking or riding a bike.

7. Guide for safe riding X4 PLUS

X4 PLUS

7.2 Instructions must comply

Understand and comply with local traffic rules.

- 1) Wear helmet, wrist pads, elbow and knee pads, before riding for protection.
- 2) Check the battery status with the power button before each riding. If there is less than 60% of power remaining, do not use it for a long journey. You may not get the range you require for a long journey.
- 3) Check your X4 PLUS to make sure that there are no loose, dropped or damaged parts, and there are no abnormal sounds or continuous warning during riding.
- 4) Before riding, make sure that you are in good condition and sober without taking in any wine, sedative agent or stimulant at least 6 hours before.

7. Guide for safe riding X4 PLUS

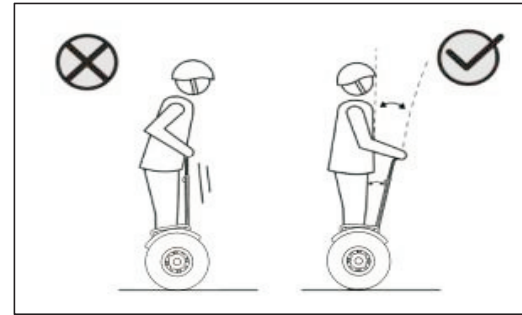
X4 PLUS

7.3 Prohibited Instructions

Do not use it in any place that is not allowed access by the laws of the relevant country/region or by the related management units.

Remember to keep your body at least 5cm distances from the operation bar. NEVER lean your body against them, this can cause the unit to lose balance and can cause a crash.

Remember, when you are on X4 PLUS, you will be 20 cm or taller than usual, so watch over your head as you approach a door frame, a door, any tree branch, various marks, boards or other low barriers above you.

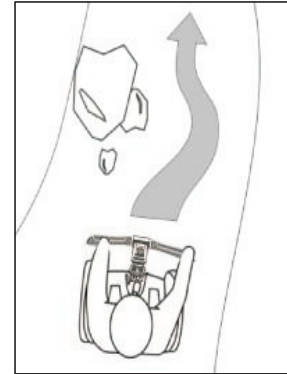


Do not use it in the areas that are dangerous or go against the requirements for use of X4 PLUS, like in a place with pits/fissures, slopes of 35 degrees or above, or puddles more than 10cm deep. Or 4 inches.

7. Guide for safe riding X4 PLUS

X4 PLUS

7.3 Prohibited Instructions



Do not ride X4 PLUS upstairs or downstairs, do not lift the X4 PLUS off the ground in any case (such as passing a deceleration strip), and do not ride it on the road shoulder or stair with only one wheel on them.

Do not ride it on the motorway.

Do not ride X4 PLUS with two or more persons on it, especially with a baby carried. Do not put both of your hands off the operation bar.

Do not let the young (under the age of 14) and the aged (above the age of 65) ride X4 PLUS alone, and they must be accompanied during riding. Do not allow the person with pregnancy, excessive drinking, mental disorder, heart disease and limited action ability (especially the disabled) to ride it.

7. Guide for safe riding X4 PLUS

X4 PLUS

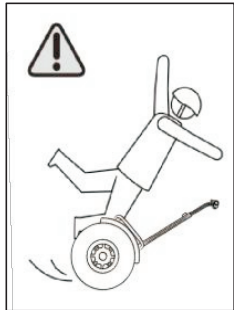
7.3 Prohibited Instructions

Do not ride X4 PLUS in an unsafe environment, especially a place subject to fire disaster or explosion from flammables, steam gas, liquid, dust and fiber etc.

Avoid riding backward in high speed or making sharp turns during riding backwards. Do not make phone call during riding.

Do not ride it in poor weather and road condition when it rains or snows with frozen, ponding and slippery road surfaces.

Do not go against other provisions in this manual, especially what are clearly indicated in “Warning” or “Danger”.



7. Guide for safe riding X4 PLUS

X4 PLUS

7.4 Active safety protection measures

Please read this manual carefully and watch the safety driving instructions video, understanding and recognition this content.

Please do not let others drive your X4 PLUS , unless the person who has already read the manual and watch the safety driving instructions video.

Please wear a helmet and fastened chinstrap while driving.

Wear an examined helmet that is suitable for your head form, equipped with a belt and able to protect the back of your head with its belt fastened whenever you ride X4 PLUS . The rider can also wear gloves, eye equipment, waist support, knee pad and other protecting equipment based on the riding conditions and past experiences.

Do not ride in poor condition, cannot follow the indications or warnings in this manual, or have just taken alcohol or drugs.

Get off X4 PLUS and charge it for safety in the case of low power, successive warning and limit speed.

Please place the goods you carry in the front or the side storage cases or in your backpack instead of placing it on the foot mat. The balance of X4 PLUS will be influenced if the operation bar bears the weight of more than 5 kilograms.

Please make sure the X4 PLUS is switched off before carrying it, or otherwise injury may be incurred by the quick rotation of the wheels. It is appropriately suggested that two people move the X4 PLUS in joint effort. Do not lift the X4 PLUS by the fender, because your finger may be clipped between the wheel and the fender.

Please check whether there is any loose screw or damaged part before each ride. Do not power-on X4 PLUS until all faults are eliminated.

7. Guide for safe riding X4 PLUS

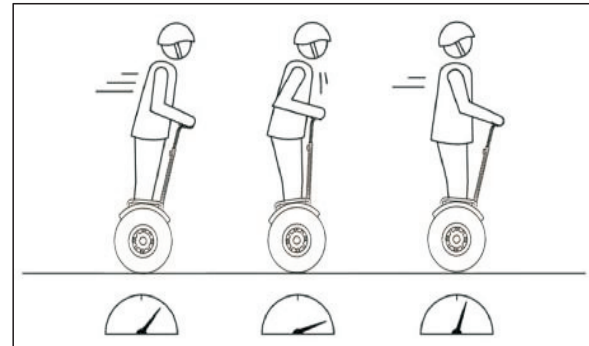
X4 PLUS

7.5 Intelligent safety warning/automatic protection

In the following cases, X4 PLUS will limit its speed automatically, namely limit the maximum speed to a range that will keep you safe:

Advancing in over speed when riding X4 PLUS in excessive speed (beginner mode 8km/h, and skillful mode km/h), the leansteer of X4 PLUS would generate pushback force to push the rider in the backward direction to stop X4 PLUS from accelerating. This means the limit speed mechanism of X4 PLUS is triggered because you are riding too fast. Now please adjust your body to keep at least a fist distance from the operation bar. Or X4 PLUS may lose balance and fall down if you keep pressing the operation bar or leaning your body against it.

Overloading or long staying on a slope, the intelligent safe warning will be triggered and the foot mat will recline to remind the rider to get off in the following cases: staying at the steep slope, in a deep pit, overweight of rider or long staying on the slope results in enduring overloading X4 PLUS. At this moment, the rider should get off and push X4 PLUS ahead by assistant mode.



Automatic speed limiting

7. Guide for safe riding X4 PLUS

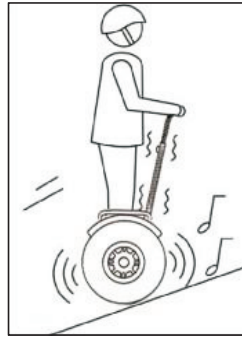
X4 PLUS

7.5 Intelligent safety warning/automatic protection

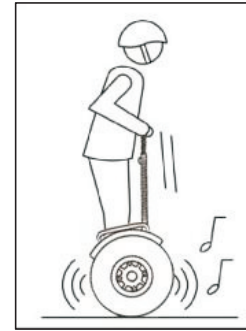
Critical battery power: You should get off immediately and charge the X4 PLUS if the intelligent safety warning is triggered when you ride the unit in extremely low power (usually less than 10%). the foot mat will recline to press the rider to get off the unit, if the rider goes on riding the unit can stop suddenly.



Backward in fast speed



go upslope or long staying on slopes



Low power alarm

8. Learn to ride X4 PLUS

X4 PLUS

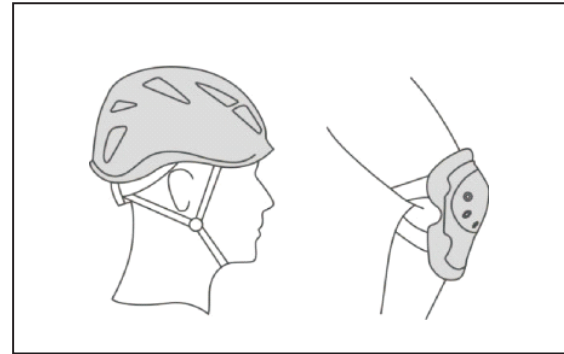
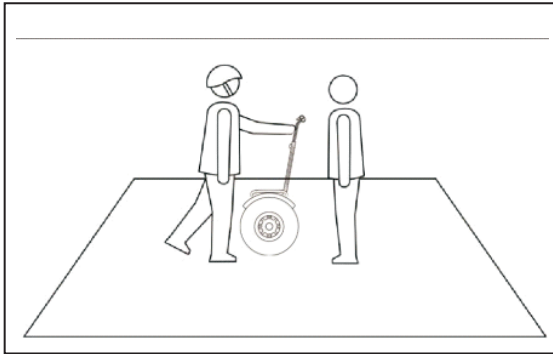
8.1 Learn to ride X4 PLUS

For beginners, you should choose proper places to ride, either indoor or outdoor with an area of at least 16 square meters (4m×4m). In addition, it should be flat without any wet or slippery surface, barrier, automobile, bike, pet, children or other objects that would distract your attention.

Get instruction from an experienced person who accepted correct training and totally understood its working principles. For safety purpose, please wear safety helmet and other protective gears.

Move X4 PLUS to the center of the places.

You should be proficient in using all the functions of the APP functions.

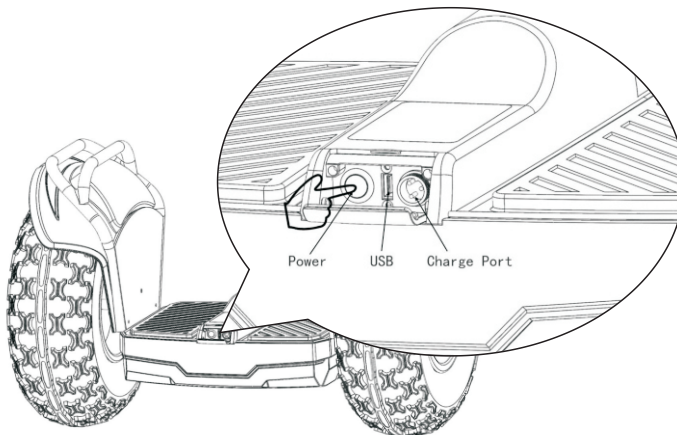


8. Learn to ride X4 PLUS

X4 PLUS

8.2 Turn on X4 PLUS

First turn on “Power Switch” on the body of X4 PLUS, when you hear reminding voice “welcome to use smart scooter” and see the light on Signal Indicator, it means X4 PLUS is started normally.



7.3 Before step on

Make sure the pedals are on horizontal level when power on.

For beginners, please do not hurry to ride it, learn following instructions carefully to protect yourself from any possible injuries.

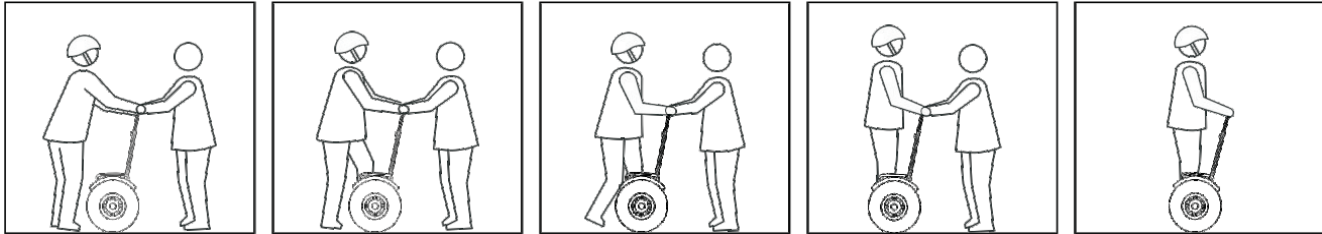
Standing directly behind X4 PLUS, hold the handlebar grip with one hand or two hands, keep the turning pipe upright (almost in no stress), adjust the handlebar grip until the pedals become horizontal, then step on pedals of X4 PLUS.

8. Learn to ride X4 PLUS

X4 PLUS

8.4 Step on and keep balancing

1. Holding the handlebar grip with two hands, and make sure the pedals are on horizontal level;
2. Step on pedals with one foot;
3. place your center of gravity on the pedal gradually, and raise another foot (thinking how you get upstairs);
4. Avoid moving the turning pipe, and then raising another foot slowly and putting it on the pedal. Just imagine that you are standing on the ground, keep calm and look ahead instead of looking down when you stand on X4 PLUS , trust X4 PLUS self-balancing. Please make reference to the postures in the following pictures.



8. Learn to ride X4 PLUS

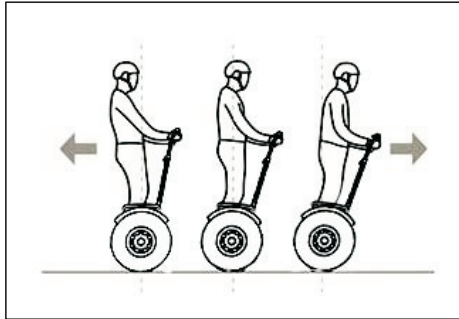
X4 PLUS

8.5 Forward/Backward

Lean your body forward slowly, and feel the moving of X4 PLUS, then recover your posture upright gradually to feel the deceleration and stop. Just be moderate and make several repetitions to adapt to the movement controlled by the body gravity.

Turn your head around and look behind, lean your body backward slowly to make X4 PLUS move backward gradually, then recover your posture upright gradually to feel the deceleration and stop. Make several repetitions and avoid falling down by bumping against the wall or other barriers.

Please don't backward if you can't go forward, unless you just reverse only a few steps. You'd better turn left or right then go forward instead of backward.



Backwards Balanced Forward



Avoiding wagging in the forward and backward direction

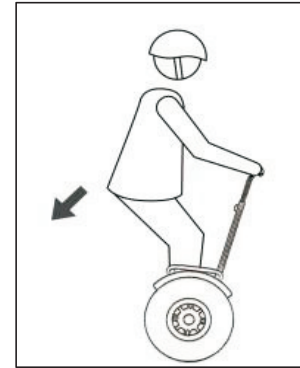
8. Learn to ride X4 PLUS

X4 PLUS

8.6 Stop

Let the gravity of your body moves against the direction which is moving. It can make X4 PLUS stop. Methods as the following:

1. When you are riding ahead, pull back your buttock gently (as you are sitting down) to stop X4 PLUS ;
2. After X4 PLUS stops, distribute your body weight equality on the foot pad to achieve balance. And if you go on tilting backward, X4 PLUS will move backward (not recommended);
3. Appoint a place, then practice stopping on this place and keep balance.



Standard stop figure

8. Learn to ride X4 PLUS

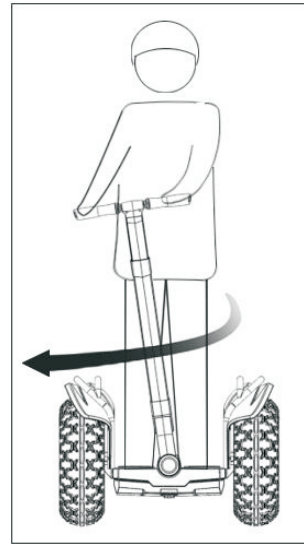
X4 PLUS

8.7 Turn left/Turn right

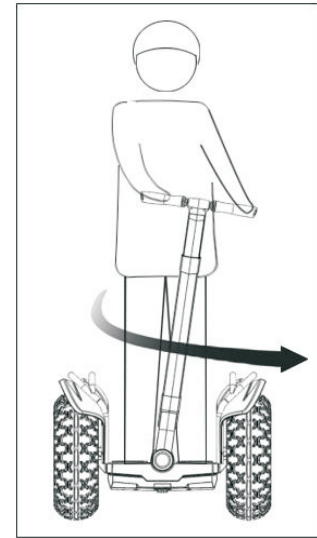
As you turn the steering bar in the left or right direction, X4 PLUS will turn in the corresponding direction.

1. Practice making turns in the original place. Slowly turn the leansteer bar as you wish, X4 PLUS will turn at the original place. You can align the leansteer bar until X4 PLUS reaches the position you expect. You can repeat practices to master the skill.

2. Practice turning during its movement. You can try to make turns during slow movement after you are familiar with going forward/backward and making turns at the original place. Keep the knees slightly bent and tilted toward the direction to turn. The angle is the same with that of the leansteer bar. Repeat more times and master the skill.



Turn Right



Turn Left

8. Learn to ride X4 PLUS

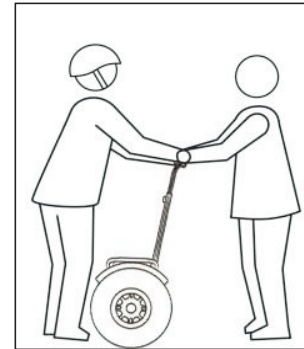
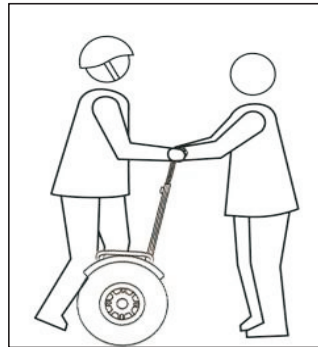
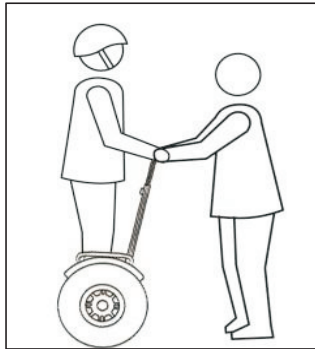
X4 PLUS

8.8 Getting off

Getting off is like walking down a stair. When you get off X4 PLUS at the first time, you can ask your instructor to help you hold the leansteer bar.

The specific method is as following:

1. Keep X4 PLUS balanced by holding the leansteer bar with both hands and put your feet off the foot mat one by one. tabilize your body and do not move the leansteer bar to make turn when you get off.
2. Do not put your hands off the steering bar before X4 PLUS is switched off even if you have got off, otherwise X4 PLUS will move forward, possibly causing casualties and losses.



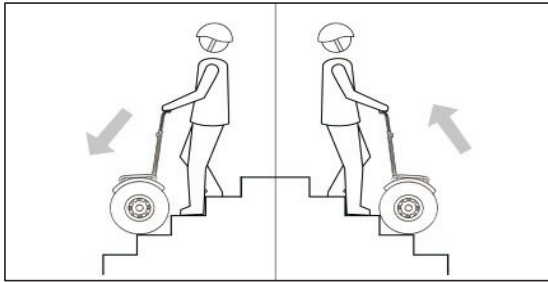
8. Learn to ride X4 PLUS

X4 PLUS

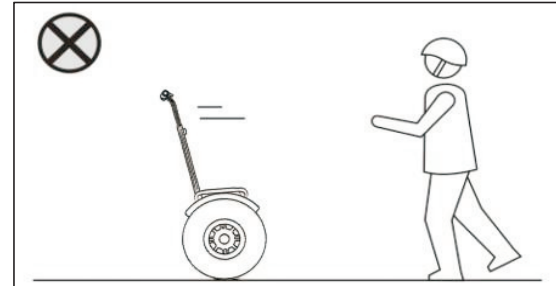
8.9 Power assistant

After getting off, press your APP“ pulling model”, X4 PLUS will turn to assistant mode from the standby mode. And it will go forward/backward or make a turn gently according to your hand movement to the leansteer bar.

We recommend you use assistant mode to pass through the bumps, stairs, unsafe or inappropriate landform along the road side.



Get upstairs/downstairs by assistant mode.



Do not let X4 PLUS go by itself in assistant mode.

8. Learn to ride X4 PLUS

X4 PLUS

8.10 Lock

After getting off X4 PLUS , press your APP “Lock”, X4 PLUS will be locked. Thus, you can keep the scooter in secured locked condition when you park the X4 PLUS .

After locking X4 PLUS , it will give voice prompts“Locked” when it is moved or touched.

Locked scooter itself cannot stop the thief directly carry away X4 PLUS . Therefore, the best way to ensure the safety of X4 PLUS is to put X4 PLUS in the safe place of the interior. X4 PLUS can easily enter the elevator, pass through ramps and slopes into the interior. When you lock and leave X4 PLUS away in public area temporarily, please make sure you can hear the alarm and X4 PLUS is in your sight.

9. Maintenance

X4 PLUS

9.1 Clean and Storage

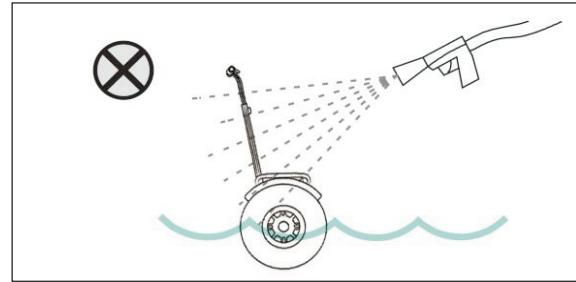
In order to keep X4 PLUS in the best performance please clean your X4 PLUS after use.

You can use the soft cloth dipped in a small amount of water to clean X4 PLUS. Glasses wiper cloth is recommended

X4 PLUS can be washed by household shower hose or garden hose (water pressure is less than 1MPa, or 145PSI) to flush tires and fenders. Please dry it as soon as possible after hosing and place X4 PLUS in a ventilated condition to avoid the iron parts rusting.

If it is difficult to clean some stains on the plastic surface, toothpaste can be used, using the toothbrush repeatedly scrub, and then use the wet cloth to clean. This method can also be used to clear the surface scratch.

When not in use, place X4 PLUS in dry and cool place indoor, and avoid storing X4 PLUS outside for long time. Sun exposure and extreme hot / cold outdoor environment will accelerate X4 PLUS aging.



WARNING: When clean X4 PLUS, make sure it is turned off, the charging cable is unplugged and the charging port is shut! Otherwise electric shock or serious damage may happen. High pressure hosing or soaking in water are strictly prohibited in scooter cleaning which may lead to water damage of internal parts and components.

9.2 Battery Maintenance and Transportation

Battery pack is the component needs to pay most attention on the maintenance. Battery may still performance well after 30,000~40,000km mileage under good maintenance; and failure maintenance will reduce the capacity or damage the battery after few months.

To try to extend the battery life, please follow the following tips for regular inspection and maintenance:

1. Please read the notes on the battery pack surface and follow the instruction.
2. Please keep the battery pack in the dry environment at temperature from 0C to 40C. Extreme high or low temperature can affect battery life. Please avoid storing or using the battery in the environment below -20C or above 50C.
3. Please keep the battery pack in dry and cool environment. In the extreme moist environment, the battery internal condensation probably causes the battery damaged quickly. If the wet environment cannot be avoided, please use the large bag to seal the battery.
4. In daily use, please avoid the battery completely exhausted and then charged. If the power is only 1~2 grids, please charge as soon as possible. After use, please fully charge the battery. Frequent charging does not affect the battery life, and longtime exhausted status will reduce capacity and life of the battery.
- 5 if the battery is installed on the X4 PLUS, the battery will continue to consume. Thus:
 - a) For a short time, storage (less than 30 days), or less than 30 days of transport time, the battery should be fully charged.
 - b) For long time storage (more than 30 days), or transport time for more than 30 days, the battery should be fully charged, and then removed from X4 PLUS, stored in a cool dry place.
 - c) For a long time (more than 180 days), please recharge the battery every 3 to 4 months to maintain the battery capacity and life.

