

User Manual

AERLANG A10



Scan to Download APP



Aeralng A10 electric scooter APP

2.4G/ Bluetooth connection.

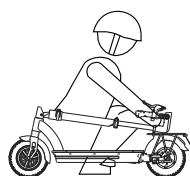
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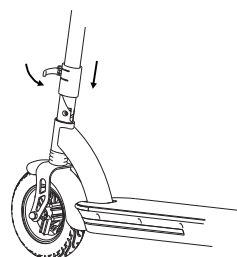
Special Requirements

- (1) Caution: User charging must be carried out in accordance with the instructions, otherwise consequences.
- (2) Note: Original charger must be used ;
- (3) Note that the battery should be with suitable charger , strictly prohibit mixing
- (4) The charger should be placed in a ventilated environment. It is strictly prohibited to charge under confined space or hot sun and high temperature. The charger shall not be charged in the saddle or in the tail case.
- (5) Charger use method, insert the battery plug first, then connect the power supply. After full charge, cut off the power supply first, then pull out the battery plug.
- (6) When the green light is on, the power supply should be cut off, Which is prohibited in the case of no charge status that the charger to connect the AC power supply unload
- (7) In the charging process , if the indicator light is abnormal, odor smell or charger shell overheating, should immediately stop charging, charger for repair or replacement.
- (8) The charger in the use and storage, note to avoid material entry, especially be avoid water or other liquid entry, In order to internal short-circuit charger. The charger try not to carry on the e-scooter , if you want to carry should be in good damping treatment or put into toolbox
- (9) The device in the charger shall not be removed or replaced by yourself.

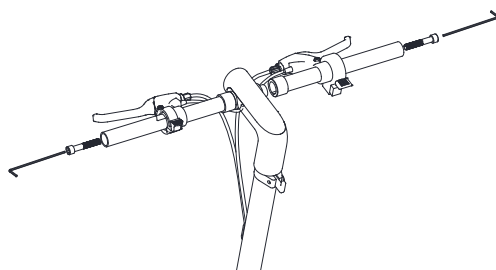
Folding & Adjustment



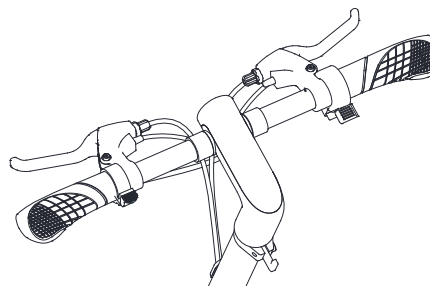
1, Take the scooter out of box carefully.



2. Open the buckle, push down sleeve, lock the buckle.

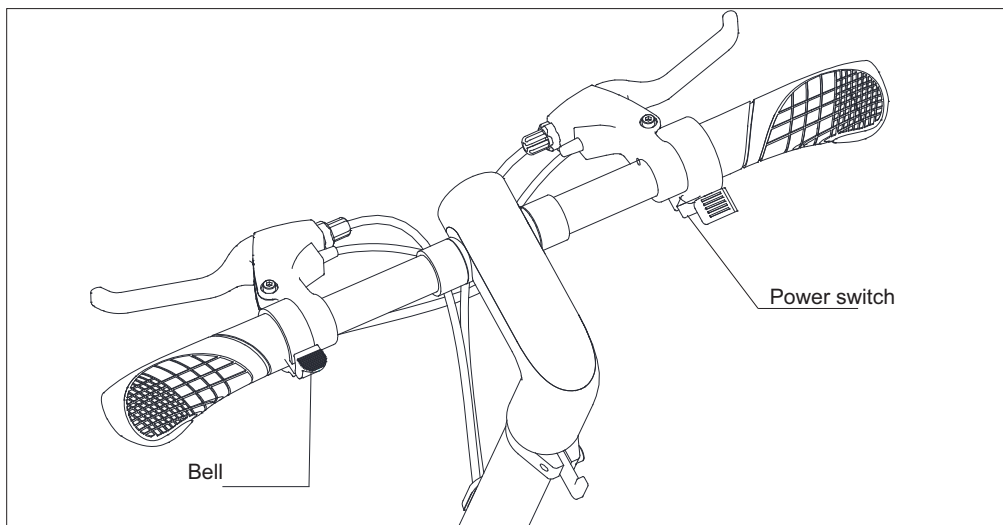


3. Unfold the scooter, install the handlebar, tight it with screw.



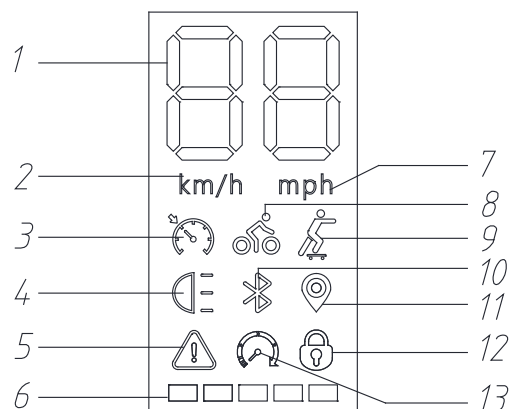
4. Install the handlebar grip, adjust the switches and brake.

How to start



- Turn on: one short click on the power switch to open the scooter.
- Turn off: 3 seconds long press to turn scooter off.
- Change speed mode: open the scooter first, then 2 short click to change speed mode.
- Turn on the light: open the scooter first, then 1 more short clicks to turn on/ off the scooter front light.
- Change start mode: open the scooter first, then 4 short clicks to change zero/ no-zero speed start mode.
- Change KM/H to MPH: open the scooter, then 6 clicks to change the speed unit.
- Turn on cruise control function: open the scooter first, then 5 short clicks to on/ off the cruise control function, the cruise signal will light up on display, maintain the speed for 5 seconds, scooter will automatically enter the cruise control.

Display



#1 Speed display or error code

#2 and #7 Speed mode: 6 click the switch to change KM/H or mph speed mode.

#3 Cruise control signal: in the boot status, 5 click the switch to open/ off the cruise control function.

#4 Light: in the boot status, one more click the switch to turn on the front and rear light

#5 Fault signal: If the scooter has an electronic fault, the fault light will turn on. You can check the problem on page 8

#6 Battery signal: To extend the battery life, it's better to charge the battery before 3 grids remain .

#8 Speed mode: in the boot status, 2 click the switch to change speed mode, green light is ECO mode.

#9 Slide mode: switch on the slide mode on the APP, you can accelerate by slide.

#10 App signal: when the scooter connected the APP the signal light will turn to white.

#11 GPS signal: if the scooter equiped with GPS, the GPS signal light will light up when GPS works.

#12 Lock signal: scooter can be locked by APP, when locked the signal light will turn on.

#13 Start mode: in the boot status, 4 clicks the switch to change zero/ non-zero start mode .

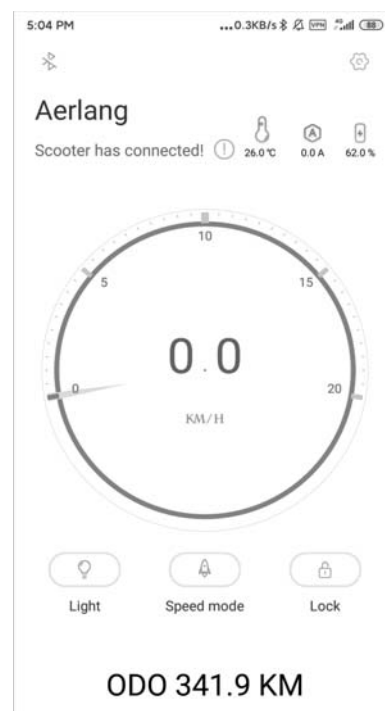
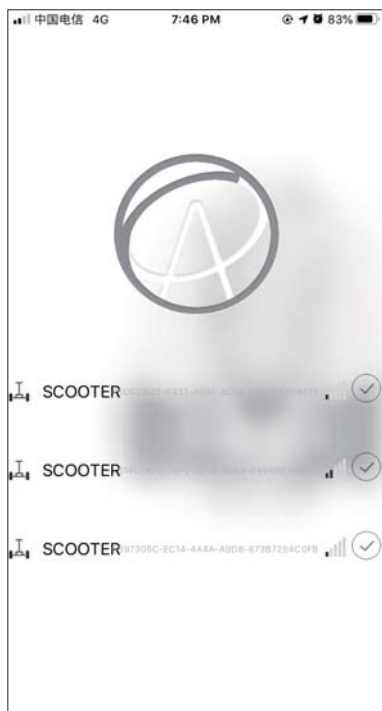
How free the speed: in the boot status, 8 clicks to free/ limit the speed.

Erro Code

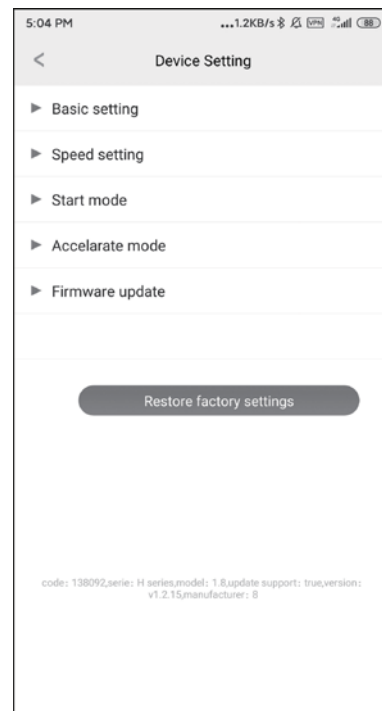
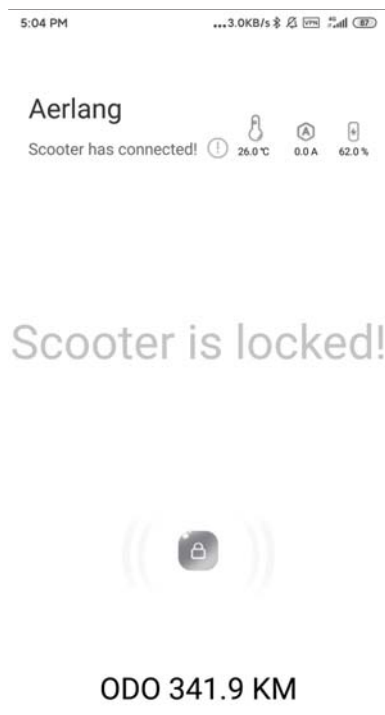
If the display show fault signal with fault number, you can check and fix as follows

00 Thottle fault	Please check if the throttle back to the default position, or check if the throttle cable disconnect.
01 E-brake fault	Please check if the brake back to the default position, or check if the brake cable has broken.
02 Controller fault	Disconnect the controller battery plug, then connect again to check, if still problem, need to send the controller back to the factory to check.
04 Motor hall fault	Disconnect the controller battery plug, then connect again to check, if still problem, please check if the motor hall plug or cable has broken.
05 Display connention fault	Disconnect the controller battery plug, then connect again to check, if still problem, please check if the display cable or plugs broke.
06 Power switch fault	Please check if the scooter is locked by APP, or locked by remote key.
07 High temperature alarm	Controller temperature too high, please have a rest. If still problem, maybe the temperature sensor is broken.
08 Cruise control fault	Please check if the cruise control switch or cable plugs broken.

APP instruction



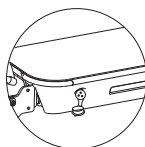
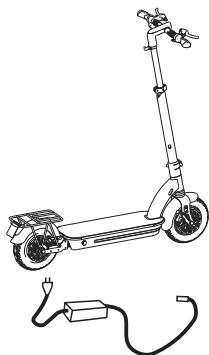
- Search "Aerlang A" on Apple store or Google play to download the APP.
- Open the phone Bluetooth, connect the scooter Bluetooth to enter dashboard.
- In APP dashboard, there are switches for light, locker, speed mode, and shows the scooter speed, ODO, battery, controller current and temperature.



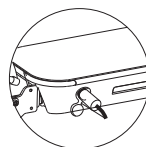
- Click the lock button, set a password to lock the scooter, only enter password can unlock the scooter.
- Click the setting icon on the right top corner of dashboard, to set the cruise controll, speed mode, start mode, accelerate mode.
- The scooter is allow to upgrade firmware by APP, click firmware update to install newest firmware.

Battery charging

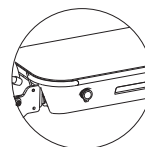
Please charge the scooter firstly before first use



Open the rubber lid



Insert the plug in
the port



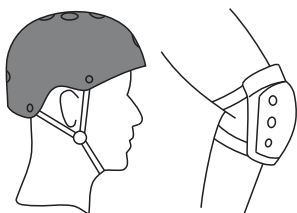
Close the lid after
charging

While charging, the light on charger will be red. When fully charged, the led indicator turn green. Please disconnect the plug in time. (The charging time is influenced by temperature)

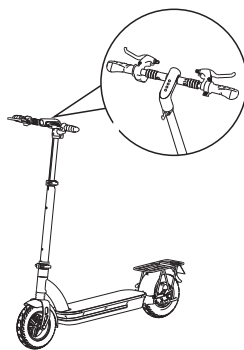


Notice: please align the notch carefully.

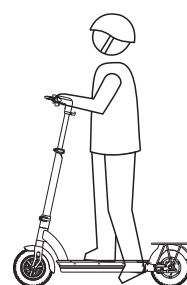
Learning drive



1. Please wear helmet and protective gear for possible risk.



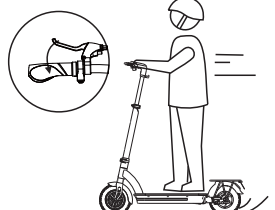
2. Check the battery when turn on.



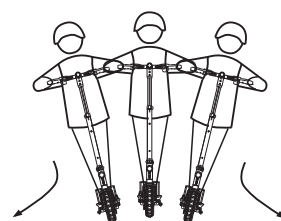
3. Stand on with one foot forward and give an initial speed to start.



4. Keep balance and accelerate with throttle.



5. When brake the motor will be cut down the power at the same time.



6. Tilt the scooter while turning.

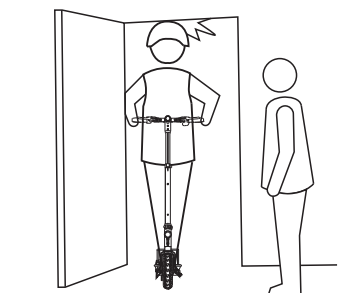
Warning



⚠ Prohibit to drive in the rain



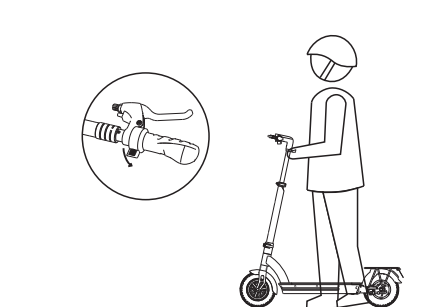
⚠ Please slow down while ride pass the speed bumps (5-10km/h).



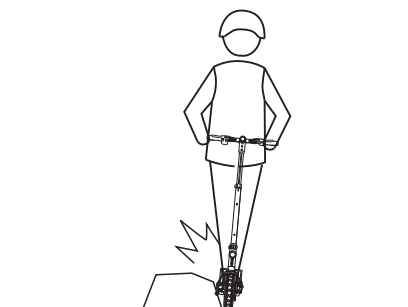
⚠ Be careful to knock on the height



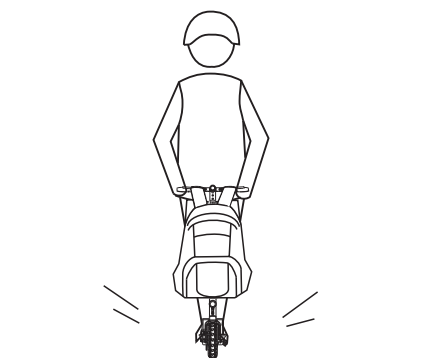
⚠ Do not accelerate when go downhill.



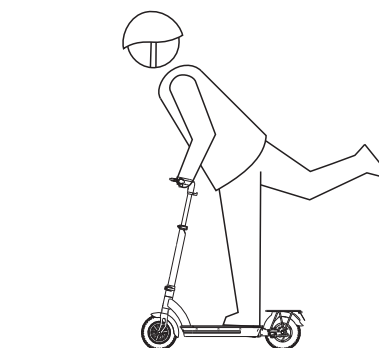
⚠ Please do not press on throttle lever while wandering with the scooter.



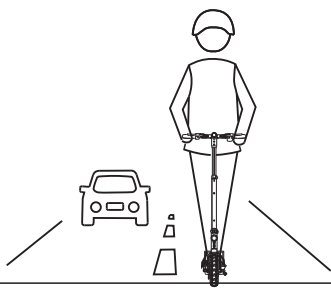
⚠ Go away from the obstacles.



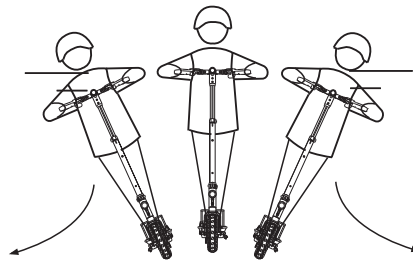
⚠ Please do not hang heavy staff on the handlebar



⚠ Prohibit to ride e- scooter with one foot



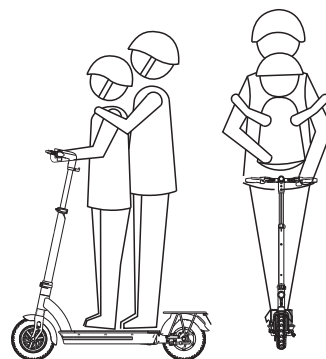
❌ Prohibit to go in the driveway.



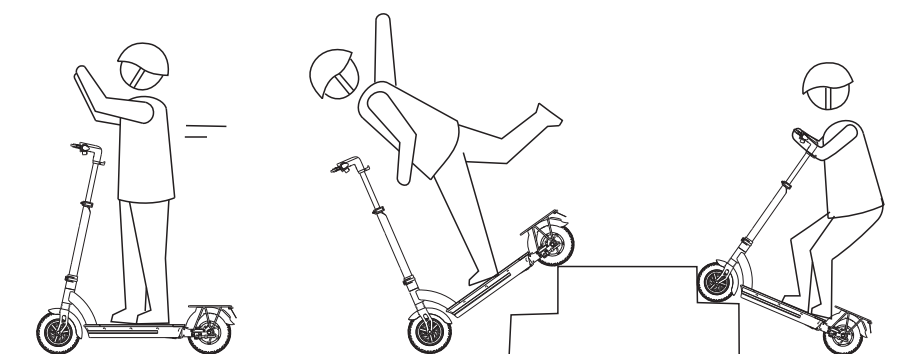
❌ Prohibit to turn dramatically at high speed.



❌ Prohibit to run into the puddle deeper than 5cm.



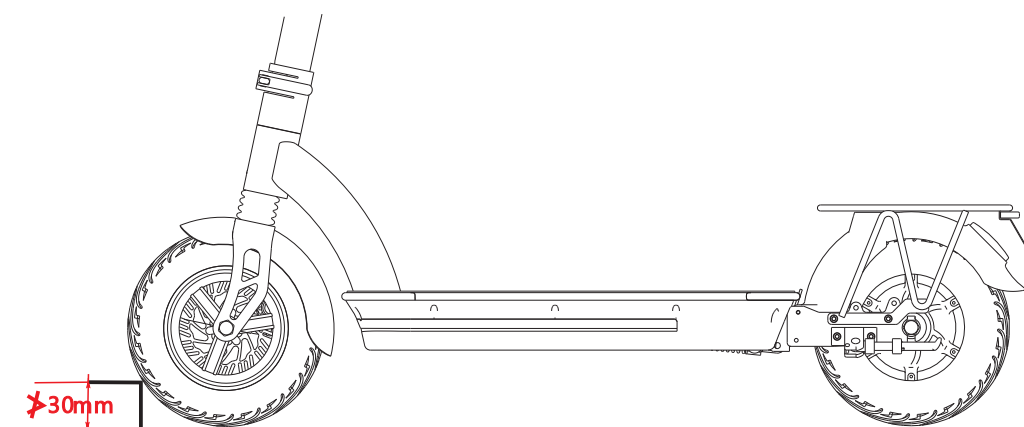
❌ Prohibit to go with more than one people



Prohibit to go without hands on the bar



Prohibit to do extreme performance such as jumping down or on the stairs.



Prohibit to drive over the obstacle higher than 30mm.

Attention

Before you read the manual and learn the lithium battery e-scooter performance , please don't use it

- ☺ Please don't modify the e-scooter ,self modification caused the safety performance and durability which are not belong to the warranty policy and which caused the accident not responsible, please pay attention.
- ☺ E-scooter should be ride on non motorized road , Please ride slow speed under rain,snow,fog weather and increase the braking distance.
- ☺ When riding, please wear helmets and other protective equipment,pay attention to ride safety.
- ☺ Please don't lend the e-scooter to the person who can't operate it, please follows the traffic rules to ride
- ☺ The standard load (total weight of people plus e-scooter) is 200Kg, when the standard load exceeds 120Kg, the performance of the battery and the motor will be affected.
- ☺ Children and person under 16 years old , please don't ride ,so as not to cause unnecessary damage.
- ☺ The battery is not allowed to approach the fire source and try to avoid close flammable and explosive places and contact corrosive objects.
- ☺ Please don't disassemble the battery case by your self to avoid damaging due to the short circuit of the battery output terminal connector.
- ☺ It is strictly prohibited to connect the positive and negative for the battery to avoid unnecessary danger and lead to battery damage.

- ☺ The battery must be handled with care to avoid falling from the air and broke the case.
- ☺ The battery should be charged in a dry, ventilated environment, avoiding moisture, away from flammable and explosive atmospheres.
- ☺ The battery charging area should be kept away from the children's play area.
- ☺ Chargers and battery packs can not cover any items, to avoid poor heat, damage the charger and battery.

Safety Instructions for Riding E-Scooter

Please read carefully before riding

- (1) Please read the <Instructions> carefully before riding, Check every parts of the e-scooter to ensure your safe riding, If you find any problem , please contact your distributor.
- (2) Please comply with the city traffic law and be prohibited to carry person, rain and snow days and slip road should be slow drive and keep the safety brake distance.
- (3) The e-scooter which can ride under rain and snow day but can't wading, When the water level submerges the motor, it may cause the motor to short circuit and burn the motor
- (4) Please don't disassemble e-scooter kits, if you want to replace or repair , please contact your distributor.
- (5) For the safety of other person, please don't lend the e-scooter to the person who can't to operate it.
- (6) Please check the battery have adequate electric power to ensure your mileage. To check the tyre pressure is normal and fasten the front and rear wheel bolts are locked. Nut tightening torque front wheel is not less than 18N.M and rear wheel not less than

30N.M. To insure the safety brake and please check the disc brake before riding.

(7) Please check the e-scooter fold handlebar, saddle tube is fasten to prevent loosening and lead to danger riding.

(8) Battery should be installed in the battery holder and to ensure the battery is locked to prevent shaking off. To check the horn, head ling is normal and to ensure safety riding.

(9) The insertion depth of the saddle pipe shall be no less than 2.5 times the diameter of the riser pipe (the depth of insertion shall not be exposed to the safety line of the saddle pipe). The saddle, the fastening nut of the saddle pipe and the tightening torque shall not be less than 18N.m.

(10) Before riding that the quick release parts must be fasten locked.

(11) The e-scooter stops driving or parking should turn off the power switch. If not promptly turn off the power switch, power display, controller, power brakes are working in electricity. If the power after continuous open three days, will cause no damage to the battery and the battery, when the battery is too low; when will no longer charge, direct cause damage to the battery. This will damage the power supply controller, open controller has been at work, so long to open the controller easy to damage.

(12) The battery use and waste may not fall into the water and heat, but not near the fire source, so as to avoid explosion. Waste batteries should not be abandoned, due to maintenance departments, so as to avoid the pollution of the environment.

Charging Steps

(1) Please let the charger input connector insert the battery input connector and then make the charger plug insert power socket with 110-240V AC power to charge.

(2) The charger indicator light is red which means that the power is connected and start charging.

(3) When the charging indicator light from red to green that means the power is sufficient . Please unplug the AC power plug and then pull out the battery charge plug from battery case.

(4) Please to charge the battery after you ride and don't discharge the battery when you over discharge which will shorten battery life and damage the battery.

(5) When you charge is placed in a safe place for children to come into contact with, should not be used without the full power of the situation. Do not use other brands of charger and other types of batteries also should not use this charger. The charger comprises a high voltage circuit, do not disassemble. Use and storage should be to prevent the internal liquid and metal debris into the charger beware, falling and impact, so as to avoid damage. The charger when charging, do not cover any items. The charger for indoor use, please use in the dry, well ventilated environment. When you smell the smell or in the charging process when the temperature is too high, please immediately stop charging and sent to the dealer. Repair.

How to remove the battery safely

1, Unscrew the bottom screws, open the bottom carefully.

2, Unplugged the XT60 plug and the charger plug

3, The battery is stickered on the scooter bottom, you can pull it out by hand.

E-Scooter Maintenance

Don't let the e-scooter harm, such as don't let the water flooded the motor controller. To the foot of tire, long time summer to avoid sun exposure, avoid high humidity, storage corrosion environment, the brakes are moderate.

☺ Regular maintenance of self inspection content

- (1) Whether the front and rear wheel screws locked.
 - (2) Tyre wear and cracking. The pattern is before, after the tire pressure is appropriate, whether the smooth driving system.
 - (3) Whether the joint of each part normal: the brake cable is used in the lubrication state
- If you do not use the car for a long time, please pay attention to the regular charge (about two months apart) to maintain your battery

☺ Maintenance Instructions

- (1) Water is not allowed to be flushed so as to avoid accidents due to soaking
- (2) Please use a neutral detergent, wipe the surface of the paint or plastic parts with a cloth and wipe it off with dry cloth
- (3) Please wipe the metal parts using lubricating oil for e-scooter maintenance.。
- (4) The place to be oiled: chain, flywheel, front and rear brake lines, front bowl (1-2 months of last lubrication), no to the front and rear brakes, rim, tire oiling
- (5) The frame, front fork and other parts are made of aluminum alloy. Please avoid collision and keep clean
- (6) periodic maintenance

Warranty

Repair Scope and Warranty Time

Part Name	Warranty Time
E-scooter	One Year
Motor	One Year
Battery	One Year
Frame	One Year
Controller	One Year
Charger	One Year
Display	One Year
Handlebar	One Year
Tires	6 months

Statement :

- 1.Motor within one year can be replacement by new one
- 2.Battery Within 6 months can be replacement by new one
- 3.Tires can be replaced for half a year in normal use, except for punctures.

☐ Do not belong to the scope of "Three Guarantees" and content

- 1、 Impact hammering, overload and chemical damage caused by damage to the e-bike
- 2、 The user does not follow the "instructions" to use, maintenance and adjustment caused by the failure.
- 3、 The user to modify their own, repair is not a special repair and disassembly caused by damage
- 4、 Irresistible force or traffic accident caused by damage.

Warranty card

Model/Color_____		Buy Date_____
Seller's Name_____		Seller's Address_____
Frame ID:_____	Motor ID:_____	
Maintenance Record :		

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction