

Electric Scooter Use Manual



Please read these instructions fully before assembly and use.
Keep this manual for future reference.

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1. Introduction

Dear users, in order to ensure good performance of this scooter and for your safety and others safety, please read this manual carefully before using.

This scooter is only for people above 16 years old, people under this age is not allowed to use in case of safety.

Do wear helmet and other protective clothing to protect yourself.

Routine maintenance, scooter operation knowledge are provided in this manual, please carefully read it over to have a better understanding on how to handle the scooter, any improper operation may damage to your scooter and risk users' safety.

Product will continue to be updated and improved on technical and performance.

1). Please carefully check all parts and make sure they are all in good condition before riding to guarantee your ride safety, please contact your dealer immediately if you see any problem.

2). Please observe urban traffic laws, not allowed to bring people; should slow down and increase braking distance when you brake to ensure safety on lots of rain and snow and slippery roads .

3).The scooter is water resistant and ok for rain and snow, but cannot be immersed into water, when water flooded to the rear wheel hub motor or other electric parts, the vehicle will cause a short circuit and damage the internal electronics. Please take attention on this.

4). The battery was used as a safe source of energy, but the battery compartment of the two metal contacts cannot be touched with wet hands and can not be in contact with the metal, otherwise it will have a greater short-circuit current and cause accidents. Please note.

5). Do not disassemble parts for replacement, please purchase standard parts from distributor.

6). For the safety of others and prevent your scooter from unnecessary damage, please do not lend your scooter to other people not know how to operation.

7). Do not use high-pressure water or strong water current to wash.

2. Main Technical Parameters

Motor:	350W Hub brushless
Battery:	36V 8-15.6AH Lithium Battery
Charging time:	4-5 hours
Light:	F/R Light
Max Speed:	25-50KM/H
Single Distance:	20- 50KM (battery size, loading, road, wind speed,ect)
Frame:	Steel
Brakes:	front/rear disc brake

Suspension:	rear suspension
Wheel:	12inch inflation

3. Scooter Structure



4. Assembly Steps

Step 1. Put the lock nut tube into the front fork tube.



Step 2. Tight up the bolt.



Step 3. Lock the folding part



5. Operation Instruction

Before driving, please check and make sure all bolts are tightly fastened, folding release lever and folding bar are attached on right position, tires are inflated suitably and wear protected clothing.

1). How to drive

- 1) Turn the power key to open and the LCD meter will be on. Make sure the battery is not in low level.
- 2) Turn the handlebar the scooter will go forward.
- 3) Take the brake lever to slow down or stop. Please do not take quick brake when in high speed in case of accident and falling. The brake has both mechanical brake and electricity cut off function
- 4) Turn off the power if not use and take away the key.

2). Battery Charging

The battery can be charged directly in the scooter.

- a. Switch off the power
- b. Attach one end of the charger to the scooter charging hole(make sure there is no water in the hole)
- c. Attach plug to power socket

- d. Red light of the charger on indicate it is charging
- e. When red light turns to green, battery is full
- f. Disattach the plug from the socket first and then remove another end from scooter charge hole

(Note: It is recommended to have the battery charged when the power level is on the last one on the LCD meter. This will keep battery in good condition and have more charging cycles)

6. Safety

1). Attention on Electric Scooter

- a). Put it in a safe place where children cannot reach when charging
- b). Do not drive it if power not full as it is of no enough energy to support loading and easy to fall and get hurt, and also harm to battery life
- c). It is dangerous to use non-original charger or battery maybe damaged and do not use our charger to charge other types of batteries.
- d). Do not disassemble the charger because the charger contains high-voltage circuit
- e). Prevent liquid and metal particles penetrate inside the charger when using and store, beware of falling and impact to avoid damage
- f). Please use the charger in dry, ventilated environments and do not affix anything on the charger while charging
- g). Please stop charging immediately and sent charger and battery to the dealership for repair if there is smell odor or the temperature is too high in the process of charging

2). Safety Checks Before Riding

- a). check the battery's voltage and be sure it is in normal condition
- b). check the front wheel and rear wheel, the handle bar, the fold bar to make use all parts are tightened and all bolts are in tight condition
- c). check the reliability of the brake system

3). Safety Parking

- a). Please turn the power off when you get off the scooter to walk by to prevent unintentional touch on the dynamic acceleration in case the scooter suddenly goes forwarder and lead accident happened
- b). Please turn off the power when you stop riding and please make regular maintenance and cleaning to keep your scooter in top condition
- c). Please store your scooter away from the raining

7. Maintenance

1. A periodic self-test project

- a).Front and rear wheel's nuts in the correct position and tightly
- b).The tire tread whether badly worn, whether cracking. Various parts of the connection whether ok, brake lines zipper whether be used in lubrication condition .
- c).Electrical system is in good condition
- d).Suspension fork's screws in the correct position

2. Cleaning Instructions

- a) Prohibit rinse by water to avoid accidents because of internal electronic components and circuit caused by wetting
- b) Use a mild detergent; wipe the surface with a rag at the dirt, then wipe with cadres.
- c) Prohibit to the oiling the rear brake and tire

3. Maintenance and Adjustment

- a) Always check the handlebar if get loose.
- b) Always check the performance of the brakes whether good and timely adjustments.

8. Common Troubleshooting

Symptom	Fault diagnosis	Troubleshooting
The trigger of the scooter does not work when pause.	Check the brake whether reset, Brakes whether still in the automatic power-off state, side support whether put away.	Reset the brake Put away the side support
Travel speed a little slow	Check the throttle could be fully adjusted	Fix or change throttle
	Check the LCD display that the gear whether on FAS	Use the FAS
	Battery whether full	charge
Display light and motor not working	low voltage of battery	Charge
	End of battery life	Replace battery
	controller broken	Replace controller
Motor on and off automatically	poor contact of battery	Adjust or polish the contact
	Power lock burned	Replace lock
Short distance of one charge	End of battery life	Replace battery
	Voltage not matching	Maintain or replace battery
Battery charge failed or not be fully charged	End of battery life	Replace battery
	no output of charger	Replace charger
	Bad contact between charger and plug	Replace plug

9. Operation Tips

1). Knowledge of Battery

- a) It is lithium battery, there is no depth of discharge problems
- b) The reason insufficient to charge: not timely charge after use, charging hard in cold condition, there is no delay charging, bad electrical connections
- c) If do not use the scooter for long time, the lithium battery should be fully charged to storage, full charge and discharge once every two months.
- d) Excessive charging cause: did not follow the charging instruction causes the battery excessive water loss and dry
- e) The driving distance will be reduced 0.4kms when temperatures drop every 1 °C (at 25 °C basis) in winter, so please pay attention to adjust the drive distance and the charging time.

2).Tips to keep a Longer Driving Distance

For the reasons of scooter with short mileage are summarized as follows:

- a) Operation reason, the tightness of the scooter's brake system leads to inappropriate short mileage.
- b) Too heavy load or over load with cargo, please note max loading is 120kgs, over loading even cause burning of motor
- c) Drive on different road conditions, frequent braking and speed up fast
- d) Cold weather cause the battery capacity decreased, resulting in shorter mileage.
- e) Excessive speed of the scooter caused current increase, so lower mechanical efficiency resulting in mileage shortened.

In view of the above reasons, we advice a few of the following suggestions:

- a) In accordance with standard debugging brake system, enables the brake system to work with best state. Normal load shall not exceed 75Kg
- b) Under the premise of ensuring safety, should minimize the frequent braking, starting, instant acceleration what caused by electricity waste on the driving way. Save energy to achieve the purpose of improving mileage.
- c) When the speed of the scooter in the 20 ~ 22Km / h, the mileage can reach 24 ~ 27kms in the winter, the mileage can reach 30kms in the summer.

10. Warm Remind

- 1) Have a good habit of daily timely charge, battery should be charged to precede the minimum allowable voltage to make it more durable. So have a daily habit of timely charge is very important. Have your scooter recharged when the battery is in lower power and before storage.
- 2) Almost all types of batteries will be affected by the environment. In general, the better performance of the battery discharge is in a higher temperature, battery power may drop by a third when the temperature drops to 0 °C.

So it is normal that the mileage reduces per charge when winter comes or in cold areas.

When the temperature rises to above 20 °C, it recovers to its normal capacity naturally.

- 3) Do not insert metal objects (such as wires, keys, etc.) into or come into the battery 's contactor on the positive and negative outputs when you remove the battery to avoid causing a short circuit sparks
- 4) The scooter is rain and snow resistant, but cannot be immersed into water. If water goes to the rear wheel hub motor, battery and other electric parts, it will cause a short circuit and damage the internal electronics. Please be attention.
- 5) Do not disassemble parts for replacement. You may lose your warranty and bear the loss if you disassemble parts for replacement with none unauthorized parts. Especially on electric parts, if not match together, it is very dangerous and risk your safety.

Please contact your local dealer or authorized service center if there is any problem

- 6) Prohibit using the chargers and other accessories not from our company.
Our Company will not be responsible for such accident occurred
- 7) Minors, the old and pregnant women is not allowed to drive this scooter
- 8) Disassemble or modified the scooter with none unauthorized people will lead your scooter unsafe hazards, danger
- 9) Prohibit to the oiling the rear brake and tire.
- 10) Check and make sure the brakes, handlebar locking, fold bar, wheels reliability and in good condition before riding to avoid accidents.
- 11) Do not hang things on the handlebars when driving in case loose gravity and cause accident.
- 12) Prohibit to put battery near the fire, avoid closing to flammable and corrosive gases
- 13) Do not disassemble the battery box to avoid damage to the internal parts. Do not damage the label on the battery box or make you lose your warranty.
- 14) The scooter single person riding, over loading may cause burning of motor and also risk safety
- 15) Do not insert metal objects (such as wires, keys, etc.) into or come into the battery 's contactor on the positive and negative outputs to avoid causing the damage of the battery and danger

We hold the final explanation right of this manual.