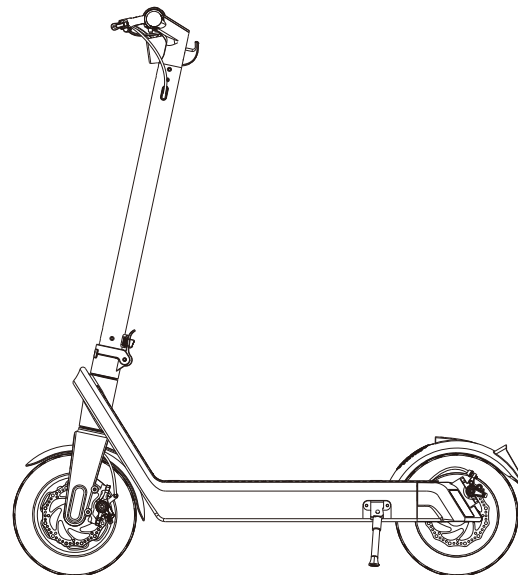


Electric Scooter

User Manual



Ver: 3.0
36V+48V



To ensure safe use, please read the instruction manual carefully.

This instruction manual contains important safety information and tips, please read it carefully. Do not use the electric scooter before you read it. Keep the manual in a safe place for future reference.

About the manual

- Thank you for choosing and purchasing our electric scooter!
- This manual provides important safety instructions and precautions for using your electric scooter. Please read the manual thoroughly before your first use to avoid any potential dangers. We are not responsible for any personal injuries or property damage resulting from improper use.
- For your safety, make sure to read the manual carefully before operating the scooter to ensure proper and safe handling.
- If you have any questions or cannot find the information you need in the manual, please contact your dealer.



Please keep the manual in a safe place for future reference.

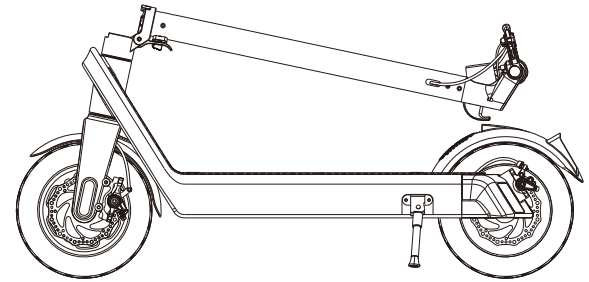
Content

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Packing list

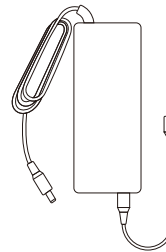
1.Product

Electric scooter x1

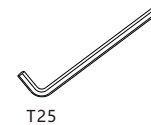


2.Accessories

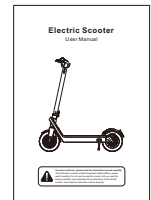
Charger x1



Wrench x1

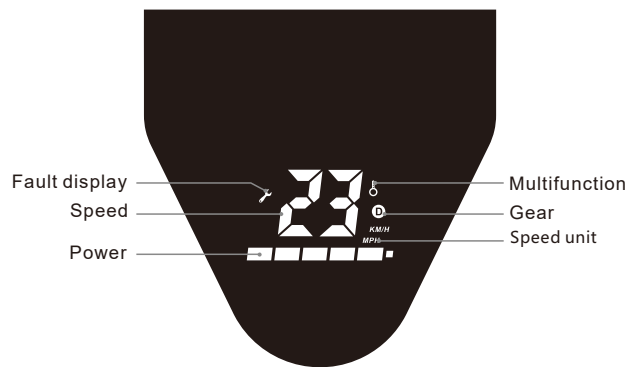
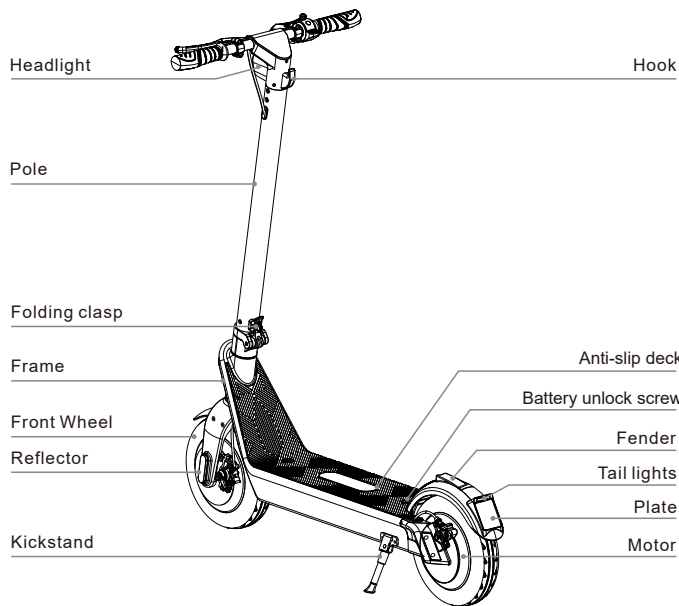
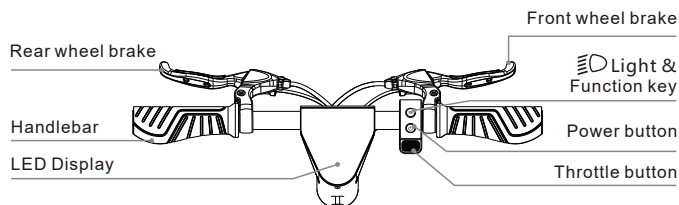


User Manual x1






***If anything is missing, please contact your dealer!**

Product introduction



LED display

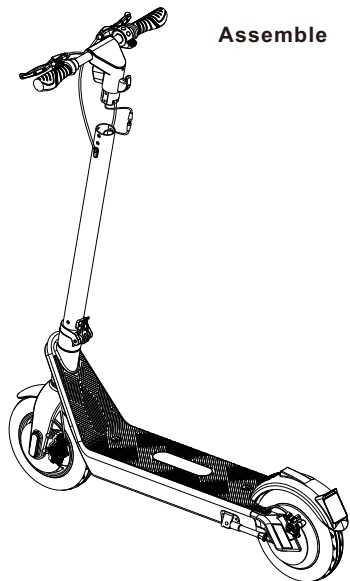
Instructions of buttons

- 1. Power Switch:** Long press the power button to turn on/off.
- 2. Function key:**
 - A:** Short press the function key once: Cycle to switch gears.
 - Pedestrian mode: Gear indicator  is not displayed. The pedestrian indicator flashes in breathing state.
 - Normal mode: Gear indicator  shows white.
 - Sports mode: Gear indicator  shows red.
 - B:** Short press the function key twice: turn on / off the front and rear lights. When the front lights are on, the taillights are always on.
- 3. Accelerator:** Press throttle button to start and accelerate.
- 4. Brake:** Hold the brake handle to brake. Lightly step on the rear fender to assist the brakes.
- 5. Cruise mode:** after the constant speed cruise function is turned on, maintain the current vehicle speed for 6 seconds (vehicle speed $\geq 6\text{km/h}$). Enter the cruise mode automatically, and exit the cruise mode when pressing the acceleration dial again or holding the brake firmly.

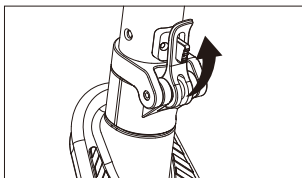
Note: While the brake is engaged, using the throttle button to accelerate will have no effect!

Product assembly

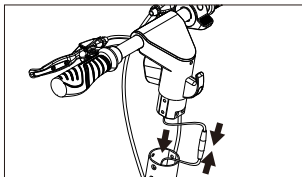
1.How to assemble



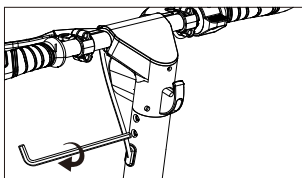
Assemble



1. Unfold the pole and fasten the folding lock.

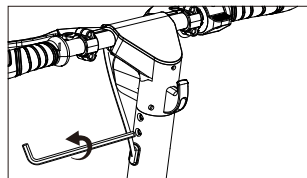


2. Align the communication line terminals of the display and the controller with the notch connection.

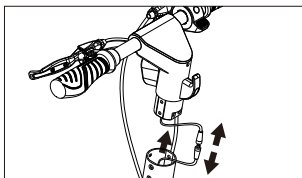


3. Align the T-bar of the scooter then insert it into the pole, use the screw provided with the scooter to install and fix it.

Disassemble

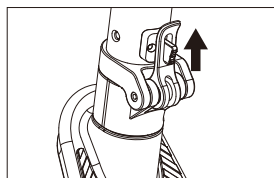
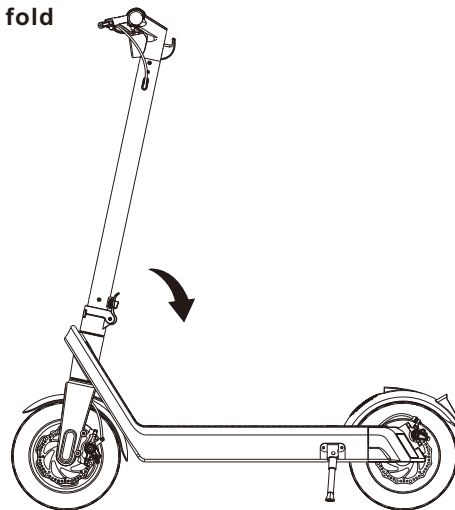


1. Loosen the screws that secure the T-bar of the scooter.

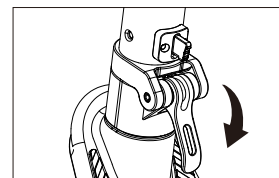


2. Pull out the head of the scooter, unplug the communication line between the display and the controller, the dismantling part of the head of the scooter is complete.

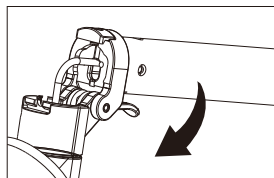
2.How to fold



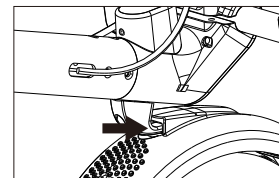
1. Lift the folding wrench.



2. Open the folding wrench.



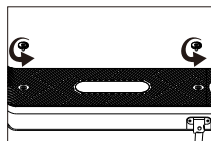
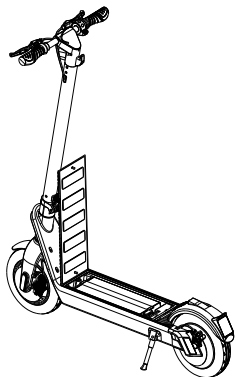
3. Fold the pole.



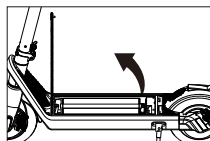
4. Gently press down the hook to the rear baffle.

3. Battery removal and installation.

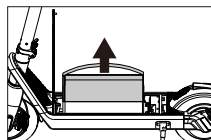
Remove the battery



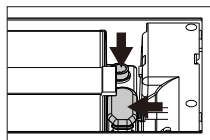
1. Unscrew the deck cover screw counterclockwise.



2. Lift the deck cover from the quick-release screw on the rear wheel side.

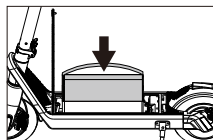


4. Lift the battery strap and take out the battery.

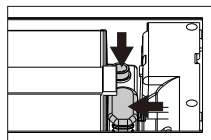


3. Unplug the charging plug and the power plug of the controller.

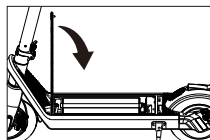
Install the battery



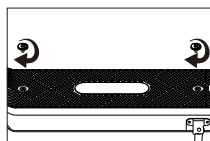
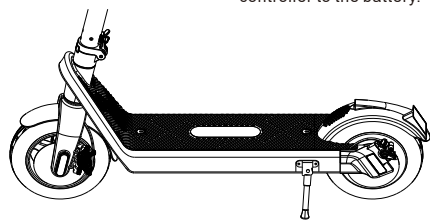
1. Put the battery vertically into the scooter.



2. Connect the charging plug and the power plug of the controller to the battery.

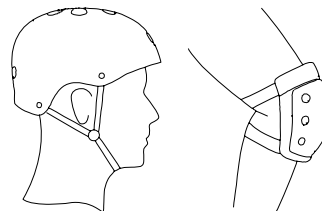


3. Cover the deck and fasten the silicone edge of the deck.

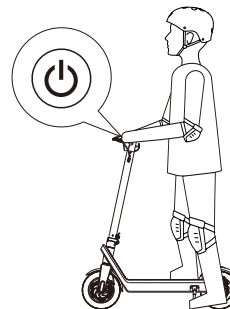


4. Install the screws and tighten it clockwise.

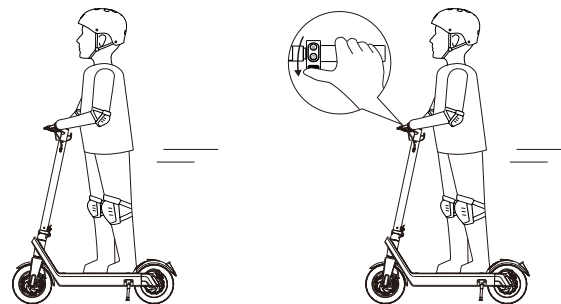
How to ride



1. Wear helmets and other protective equipment before riding.

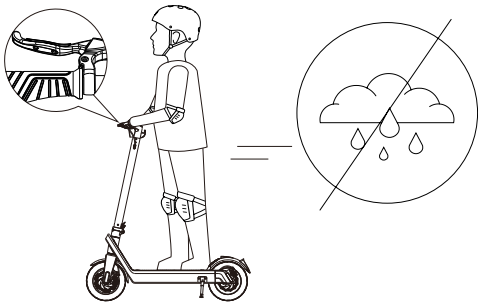


2. Long-Press the power button to turn on scooter, stand on the deck with one foot, press the accelerator, and push the other foot back on the ground.



3. When the electric scooter is gliding, put the other foot on the deck and keep both feet stable.

4. Continuously press the throttle to speed up. Turn the handle to adjust the direction.

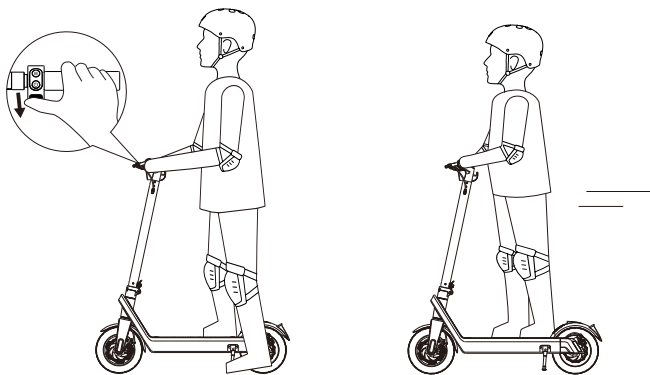


5. Hold the brake grip firmly to slow down and stop.



Note:

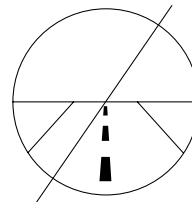
1. When riding in rain or snow, the braking distance increases. Please be cautious and reduce your speed.
2. Use the rear brake for regular driving. For emergency braking, use both front and rear brakes together. Avoid using the front brake alone for emergency braking at high speeds, as it may cause a rollover.



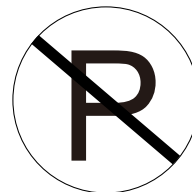
6. When the scooter stops or runs at a slow speed, you can get off.

7. Please don't ride at high speed before you are familiar with the performance of the scooter to avoid accidents.

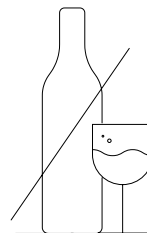
Safety notes



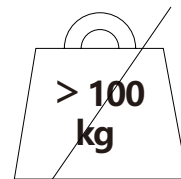
1. Please follow all traffic laws while using electric scooters. Riding in motor vehicle lanes is prohibited.



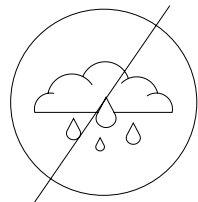
2. Don't park electric scooters in the building's lobby, evacuation corridor, or safety exit.



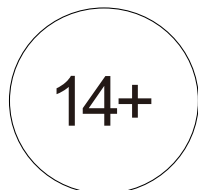
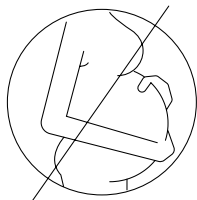
3. DO NOT ride after drinking or taking medicine.



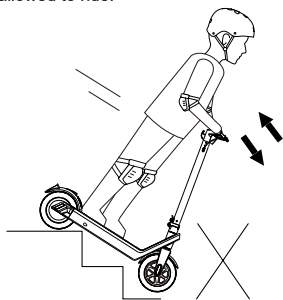
4. Riding with excess weight is prohibited (maximum load: 100Kg).



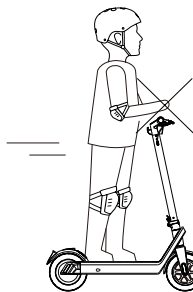
! 5. Avoid riding on roads with heavy water, as it can be hazardous.



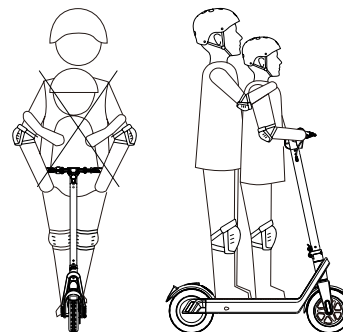
! 6. Pregnant women and individuals under the age of 14 are not allowed to ride.



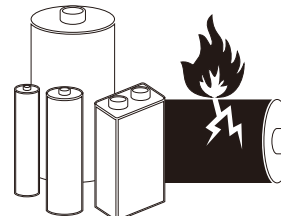
! 7. Do not ride electric scooters up or down steps, or jump over obstacles.



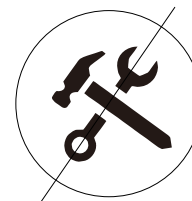
! 8. Do not let go of the handlebar with one or both hands while riding.



! 9. Riding an electric scooter with multiple people or carrying children is prohibited.



! 10. Do not attempt to modify the battery of an electric scooter yourself. Such modifications are hazardous, and improper handling could lead to battery explosions or fires.

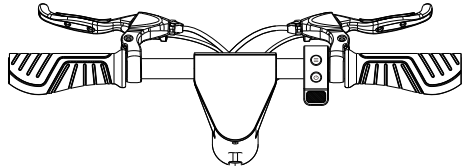


! 11. Private modifications to electric scooters are prohibited. Such alterations can lead to an unstable electronic system and pose safety risks while riding.

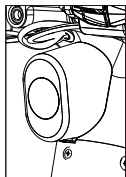


Recommended tire pressure:
220Kpa~240Kpa

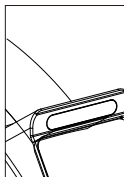
! 12. Before riding an electric scooter, thoroughly inspect its condition to ensure there are no signs of looseness or damage on any part.



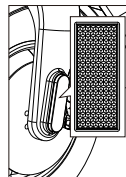
Power circuit, front and rear brakes



Front light



Rear light



Reflector

! 13. Before using the electric scooter, inspect the power circuit, front and rear lights, reflectors, and brakes to ensure they are functioning properly. If you notice any abnormalities, stop using the scooter and have it repaired immediately.

Battery instructions

This section provides information on how to charge and maintain the electric scooter, along with detailed battery specifications. Please refer to this manual and follow the guidelines to ensure the battery's long lifespan and optimal performance.

6.1 Battery parameters

Name	Parameter	Name	Parameter	Name	Parameter
Type	Li-ion battery	Battery Capacity	15.6Ah/20.8Ah	Rated Voltage	36V
			13Ah/15.6Ah		48V
Max Charging Voltage	42V	Max Charging Current	2A	Charging time	6-9h
	54.6V				
Temperature	-10~40°C	Charging Temperature	0~40°C	Store Time (-10~40°C)	3 months (full charge)

6.2 Warns for battery

- Charge and use the battery within the specified temperature range to ensure stable and efficient operation of the electric scooter.
- Remove the charger before installing the battery to prevent any potential hazards.
- Never dissolve or impale the battery, and avoid contact between metal objects and the battery pin electrode, as this can damage the battery.
- Do not disassemble or pierce the battery pack casing to prevent short circuits caused by metal objects contacting the battery terminals, which could result in battery damage or personal injury.
- If water enters the battery circuit, it can cause a fire or explosion. Stop using the battery immediately and contact your dealer.
- Only use the original adapter to charge the battery to avoid unexpected consequences.
- If the battery appears broken, emits a bad smell, or feels hot, stop using it and keep it away from other items.
- Storing the battery after fully charging it helps prolong its lifespan.
- Do not store the battery in temperatures below -20°C or above 50°C.
- If the battery has not been used for more than 30 days, charge it to at least 80% capacity. To protect battery function, fully charge it every 90 days..
- To extend battery lifespan, follow the charging guidelines in the manual after each use instead of draining it completely. At room temperature, the battery performs optimally, but its life and performance will degrade in temperatures below 0°C. The range may be reduced by half or more at -10°C compared to room temperature.
- Do not charge and park electric scooters in residential buildings. Keep away from combustible materials while charging, and avoid prolonged charging times.

13. Improper disposal of used batteries may seriously pollute the environment. Please abide by local regulations when disposing of this battery.

⚠ Tips:

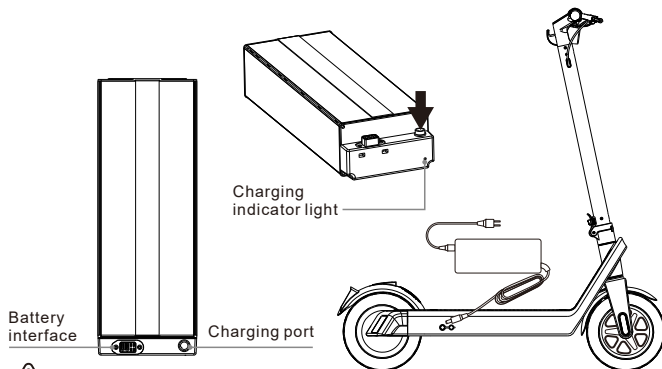
1. When the internal temperature of the battery exceeds 50°C, the battery is in a protected state and cannot be charged.
2. After fully charged, the electric scooter exhausts its stored power after about 90-120 days of standby. If it is not charged in time, it may cause damage to the battery due to excessive discharge. This damage is unrecoverable and it is beyond of our warranty.

6.3 Charging steps

- Open the charging port cover, Make sure the charging port is clean and dry.
- Connect the charger with the battery and the other end with power(100V-240V;50/60Hz), make sure the charging indicator is on.
- When the indicator light on the charger changes, indicating that the charging process is normal, otherwise check if the line connection is good.
- The indicator turns green when the charger is charging, it indicates that the battery has been filled to 99%, Please stop charging; over charge will affect the battery life. **Tip:** When the battery is charged separately, the charging status can be viewed on the charging indicator on the battery. It displays red color when charging and green color after full charging.

Changing method 1:

Changing method 2:



⚠ Note:

- Remove the battery to open the silicone charging port, plug the charger DC plug into the battery charging port; plug the power cord into the charger, then connect the other port to the socket (100V-240V; 50/60Hz), and confirm the charger indicator is on normally.
- Only use the original electric scooter charger for charging. Do not use any other models of power chargers to avoid danger caused by voltage mismatch.

Parameters

Product name	Electric scooter		
Main specification			
Unfolding size:	mm*mm*mm	1110*500*1230	
Folding size:	mm*mm*mm	1110*500*540	
Center distance of front and rear wheels	mm	825	
Net Weight	kg	23	
Max speed	km/h	25	
Max load	kg	100	
Max climbing angle	°	25	30
Operating temperature	°C	-10 ~ +40	
Storage temperature	°C	-20 ~ +45	
Waterproof level	/	IPX4	
Battery specification			
Battery type	/	Li-ion battery	
Battery capacity	Ah	15.6/20.8	13/15.6
Rated voltage(DC)	V	36	48
Maximum charging voltage(DC)	V	42	54.6
Motor specification			
Motor type	/	Permanent magnet brushless	
Rated power	W	500	550
Rated voltage	V	36	48
Charger specification			
Input voltage(AC)	V	100~240(50~60Hz)	
Output Power	W	84	109.2
Output voltage	V	42	54.6
Output current	A	2	

Maintenance

8.1 Maintenance considerations :

- Make sure the electric scooter charger and charging line are disconnected and ensure that the electric scooter is off.
- Wipe the shell with a soft cloth to clean the electric scooter. Please don't put more lubricating oil on the bearings when you do maintenance for it.
- Please check the brake system, tires, and other vulnerable parts at least once a month. When the brake performance and tire grip are reduced, please contact the dealer to replace the corresponding parts.
- Please do not replace accessories with non-manufacturer-approved parts without permission, as this may cause safety hazards due to incompatibility with the scooter.
- Do not clean the electric scooter using high-pressure water jets or immerse it in liquid. This can permanently damage the electronic components.
- To ensure user safety, do not disassemble the electric scooter. Doing so will automatically void the maintenance warranty rights.



Tips:

- Please charge your electric scooter before storage, to prevent the battery from discharging for too long. Make sure to charge at least once every three months.
- If the storage environment temperature is lower than 0°C, do not charge the electric scooter. Please put it in an environment where the temperature is above 10°C and then charge. Storage temperature is - 10°C to 40°C.
- Please keep the electric scooter in a dry place indoors, and at an appropriate temperature. You can cover the electric scooter to protect it from dust.

8.2 Maintenance of tires.

The tires of this product are pneumatic. When the tire height sinks 20%-30%, it needs to be inflated. The recommended inflated tire pressure is 220-240 Kpa. The tire needs to be inflated at least once every 2-3 months. Regular inspection of the inflation can reduce the puncture situation and extend the life of the tire.

Warranty card

9.1 The product has passed the inspection of the quality control department and is allowed to be sold.

Please keep the warranty card and purchase invoice, and present the warranty card and purchase invoice when repairing.

Effective date :

Quality inspection pass seal:

9.2. Warranty Card

Username		Gender		Age	
Mailing address					
Phone				Zip	
Purchase address					
Price		Sales order number			
Description & Specification			Body number		
Dealer signature			User signature		



Please keep the warranty card and purchase invoice as after-sales proof. This card must be provided during the warranty. If this card is not provided or the card is altered, the company has the right to void the warranty!