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## **USER MANUAL**

# Contents

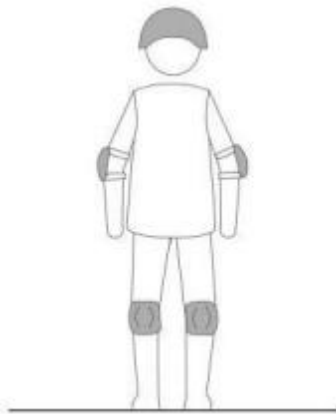
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## Thanks for choosing the A02 !

Thanks for choosing the A02! (hereinafter referred to as A02) !

The scooter is especially designed for smooth and safe riding. It combines the power of electricity and the style of a traditional scooter. Enjoy an effortless gliding experience on this sturdy, powerful and easy to fold scooter.

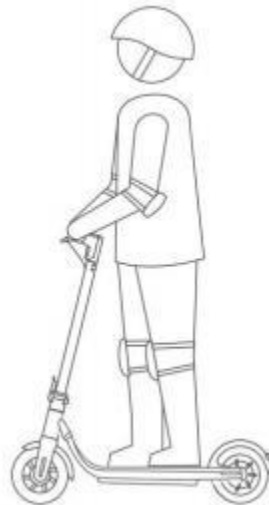
Before you start, make sure the rider meets the age and weight requirements below:



**A02**

14 - 60 year

66.1-264 lbs (30-120kg)



# 1 Riding Safety

Remember that every time you get on a scooter, you are at risk of injury from loss of control, collisions and accidents. To minimize the risk, it is important that you read and follow all "Caution" and "Warning" tips. Please use common sense when riding.

1. The A02 is a recreational product that's for recreation only. It is not intended for transportation. In order to master riding skills, the rider needs to practice. Use with caution since skill is required to avoid falls or collisions causing injury to the user or third parties. Which means we are not responsible for any injuries, damages or legal disputes caused by rider's inexperience or failure to follow the instructions in this manual.

2. Please understand that you can reduce your risk by following all instructions and warnings in this manual, but you cannot eliminate all risks. Remember that whenever you ride your A02, you are at risk of injury from loss of control, collisions and falls. When entering public places, always obey local laws and regulations. As with other vehicles, faster speeds require longer braking distances, and sudden braking on surfaces with low traction may result in wheel spin or falls. Ride with caution and always keep a safe distance from other people or vehicles.

3. Always wear a helmet when riding. Please use an approved bicycle or skateboard helmet that fits properly with the chinstrap in place, and provides protection for the back of your head.

4. When entering public places, always comply with the local laws and regulations. In places without laws, comply with the safety guidelines in this manual.

5. **DO NOT** allow anyone to ride the scooter on his/her own unless he/she have carefully read this manual. The safety of a new rider is your responsibility. Assist new riders until they are comfortable with the basic operation of the scooter. Make sure each new rider wears a helmet and other protective gear.

6. **DO NOT** modify the scooter or change parts by yourself. Use only our brand approved parts and accessories modifications to your scooter could interfere with its operations, result in serious injury and/or damage, or void the Limited Warranty.

7. Before each ride check for loose fasteners and damaged components, If the A02 makes abnormal sounds or signals an alarm, immediately stop riding. Diagnose your A02 via the A02 App and call your dealer/ distributor for service.

8. Be alert! Scan both far ahead and in front of your A02 - your eyes are your best tool for safely avoiding obstacles and low traction surface (including but not limited to wet ground, looses, loose gravel and ice).

9. **DO NOT** ride at an unsafe speed. Under no circumstance should you ride on roads with motor vehicles. The manufacturer recommends riders be 14+ years old.

Always follow there safety instructions:

A. People who should not ride the A02 include:

i. Anyone under the influence of alcohol or drugs.

ii. Anyone who suffers from disease that puts them at risk if they engage in strenuous physical activity.

iii. Anyone who has problem with balance or with motor skills that would interfere with their ability to maintain balance.

iv. Anyone whose weight is outside the stated limits (see Specifications).

v. Pregnant women.

B. Riders under the age of 18 years old should ride under adult supervision.

C. Comply with local laws and regulation when riding this product. Do not ride where prohibited by local laws.

D. To ride safely, you must be able to clearly see what is in front of you and you must be clearly visible to others.

E. **DO NOT** ride in the snow, in the rain, or on roads which are wet, muddy, icy, or that are slippery for any reason. Do not ride over obstacles (sand, loose gravel, or sticks). Doing so could result in a loss of balance or traction and could cause a fall.

10. **DO NOT** attempt to charge your A02 if the charger, or the power outlet is wet.

11. As with any electronic device, use a surge protector when charging to help protect your A02 from damage due to power surges and voltage spikes. Only use we supplied charger. Do not use a charger from any other different product models.

### **▲WARNING**

Protective equipment should be worn. Not to be used in traffic. Never hitch a ride with another vehicle.

## 2 Package Contents

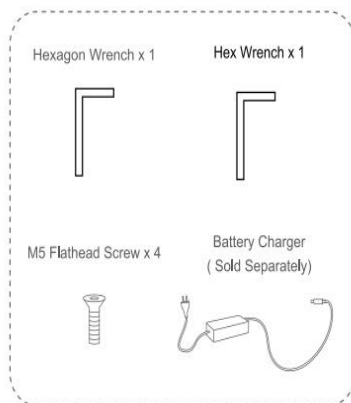
Assembled A02.



### User Materials

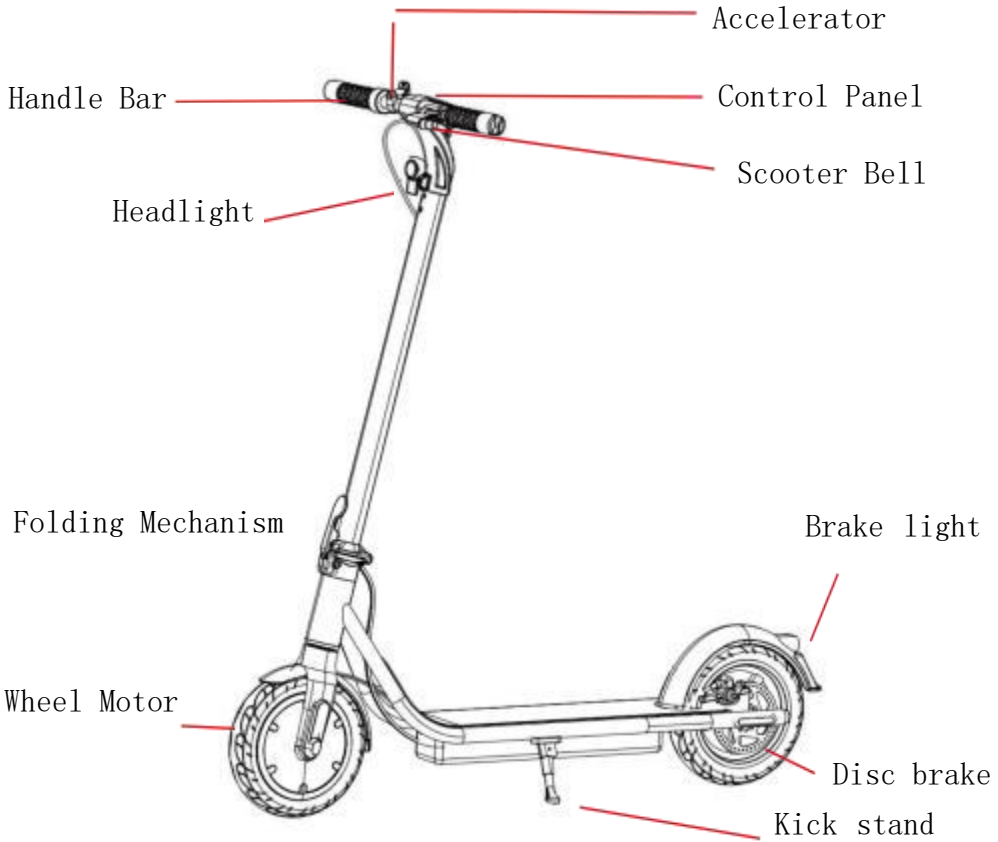


### Accessories

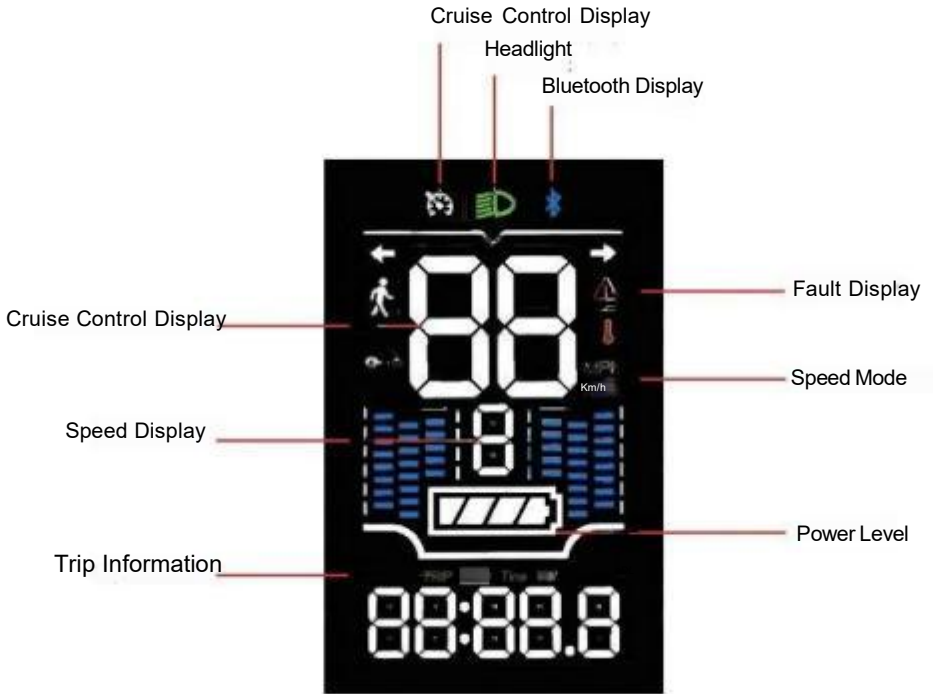


Please check the contents of the package carefully, if any item is missing or damaged, please contact online customer service for support.

### 3 Product Overview



# Control Panel



<b>Bluetooth</b>	It's flashing when the app is not connected; It lights up when connected
<b>Headlight</b>	Lights up when the headlights turn on
<b>Fault Display</b>	Flashing with error code
<b>Cruise Control</b>	Lights up when using cruise control
<b>Speed unit</b>	Km/h and mph
<b>Speed mode</b>	1= 6km/h=3.726mph ; 2=15km/h=9.315mph; 3=25km/h=15.52mph
<b>Trip Information</b>	Trip Display and ODO display

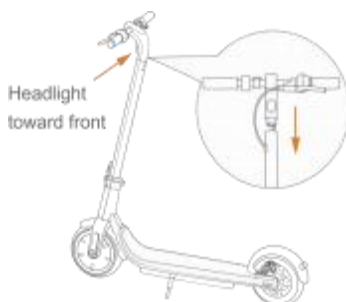


## 4 Assembly and Set-Up

1. Fasten the handlebar stem on the headset, and put the kickstand down;



2. Attach the handle to the stem;



3. Install M5 Flathead Screw x4" screws (two on each side) with the included hexagon wrench;



4. After the assembly, press the power button to check if it's working properly.



# 5 Charge Your Scooter



Lift up the rubber flap

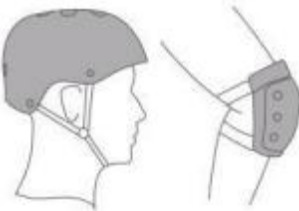


Plug the power adapter into the charging point



When charging is completed, put back the rubber flap

# 6 How To Ride



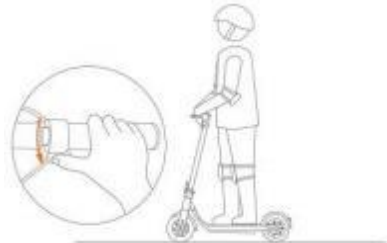
Please wear a helmet and knee-pads just in case falls and injuries when you are learning to use the scooter.



1. Turn on the scooter, and check the power indicator;



2. Step on the deck with one foot, and slowly kicks off the other on the ground;

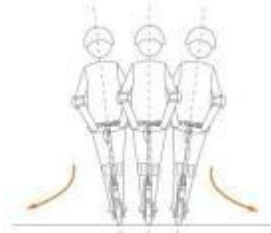


3. When the scooter starts to coast, put both feet on the deck and press the accelerator;

**(the accelerator initiates once the coasting speed exceed 3km/h)**



4. Release the accelerator and the kinetic energy recovery system (KERS) initiates automatically to brake slowly. And squeeze the brake lever for a sudden brake;



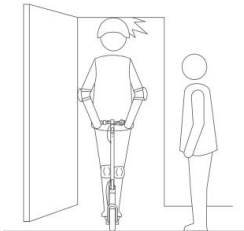
5. Tilt your body to the steering direction as you turn, and slowly turn the handlebar.

## 7 Safety Instructions

Be aware of security risks.

Keep your speed between 6-10km/h when you ride through speed bumps, elevator door sills, bumpy roads or other uneven surfaces. Slightly bend your knee to better adjust mentioned surfaces.

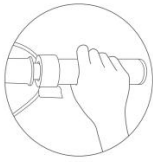
**DO NOT** ride in the rain.



Look out for doors, elevators and other overhead obstacles.



**DO NOT** accelerate when you go downhill.



**DO NOT** press the accelerator when you're walking alongside the scooter.



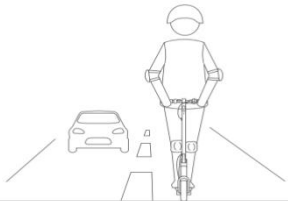
Always steer clear of obstacles.



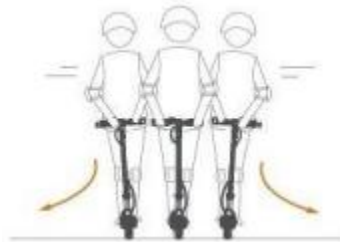
**DO NOT** hang big bags or other heavy stuff on the handlebar.



Keep both feet on the deck all time.



**DO NOT** ride in traffic lane or residential areas where vehicles and pedestrians are both allowed.



**DO NOT** turn the handlebar violently during high-speed riding.



**DO NOT** ride in water higher than 2 cm.



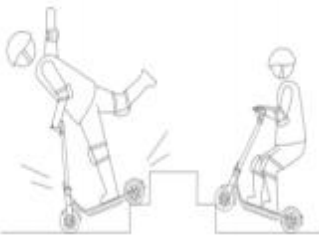
**DO NOT** ride with anyone else, including children.



**DO NOT** touch the hub motor after riding because it can get hot.



**DO NOT** keep your hands away from handlebar.



**DO NOT** try riding up or down stairs, and jumping over obstacles.



**DO NOT** use mobile phone or wear earphones when operating the A02.

## ▲WARNING

Always keep both hands on the handlebar or you risk serious injury due to loss of balance and falls. **DO NOT** step on the folding pedal while standing on the foot board.

## 8 Safety Reminder

This electric scooter is a leisure device. But once they're in a public area, they'll be seen as vehicles, subjecting to any risks faced by vehicles. For your safety, please follow instructions in the manual and regulations set forth by government and regulatory agencies.

At the same time, you should understand that risks cannot be entirely avoided as others may violate traffic regulations and drive incautiously, and you're exposed to road accidents just as when you're walking or biking. The faster the scooter is, the longer it takes to stop. On a smooth surface, the scooter may slip, lose balance, and even result in a fall. Thus it is crucial that you use caution, keep proper speed and distance, especially so when you're unfamiliar with the place.

Respect pedestrianization of Way. Try not to startle them while driving, especially children. When you ride from behind pedestrians, ring your bell to give them a heads-up and slow your scooter to pass from their left (applicable to countries where vehicles drive on the right). When you ride across pedestrians, keep to the right at a low speed. When you drive across pedestrian, keep the lowest speed or getting off the vehicle.

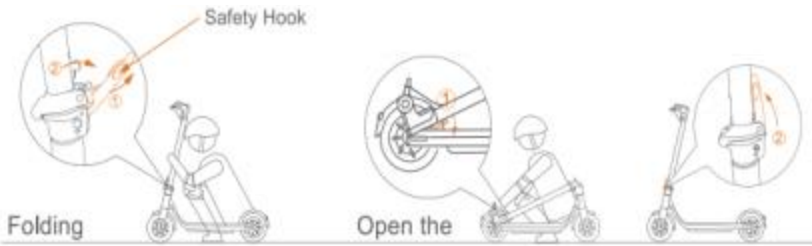
Closely follow the safety instructions in the manual especially in countries that lack relevant laws and regulations regarding electric scooters. Our company shall not be liable for any financial losses, physical injuries, accidents, legal disputes and other interest conflicts resulted from actions that violate user instructions.

**DO NOT** lend your scooter to whoever knows not the operations. And when you do lend it to your friends, please take the responsibility to ensure he/she knows the operation and wears the safety gear.

Check the scooter before every use. When you note loosen parts, low battery alerts, flat tires, excessive wear, strange sounds, malfunctions and other abnormal conditions, stop riding immediately and call for professional support.



**WARNING-Risk of Fire -No User Serviceable**



Make sure that the scooter's turned off. To fold, unlock the folding mechanism and bend the handlebar stem to hook the buckle on the rear mudguard. To open, press the bell trigger to remove from the buckle, erect the handlebar and lock the folding structure.



Hold the handlebar stem with either one hand or both hands to carry.

## 9 Daily Care and Maintenance

### Cleaning and storage

-To avoid damage to the A02 Electric Scooter's internal circuitry, do not expose it to liquid, moisture, or humidity.

-Do not use abrasive cleaning solvents to clean the A02 Electric Scooter.

-Do not expose the A02 Electric Scooter to extremely high or low temperatures, as this will shorten the life of the device, destroy the battery, and/or distort certain plastic parts.

-Do not dispose of the A02 Electric Scooter in fire as it may explode or combust.

-Do not let the A02 Electric Scooter come into contact with sharp objects, as this will cause scratches and damage.

-Do not let the A02 fall from high places, as doing so may damage the interdisciplinary.

-Do not attempt to disassemble the A02 Electric Scooter.

Use only the charger provided by JIYIN.

Use only the manufacturer's authorized replacement parts.

### WARNING

Avoid using water or other liquids for cleaning. If water or other liquids enter the scooter, it will cause permanent damage to the internal components. Users who disassemble the A02 Electric Scooter without permission from JIYIN will void the warranty.

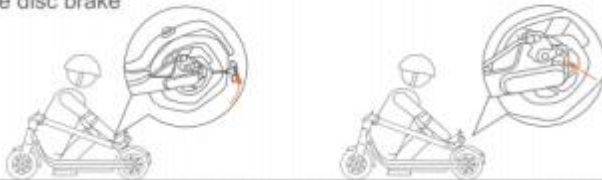
## Battery maintenance

1. Use original battery packs, use of other models or brands may bring about safety issues;
2. **DO NOT** touch the contacts. Do not dismantle or puncture the casing. Keep the contacts away from metal objects to prevent short circuit which may result in battery damage or even injuries and deaths;
3. Use original power adapter to avoid potential damage or fire;
4. Mishandling of used batteries may do tremendous harm to the environment. To protect natural environment, please follow local regulations to properly dispose used batteries;
5. After every use, fully charge the battery to prolong its lifespan.
6. **DO NOT** place the battery in an environment where the ambient temperature is higher than 122°F or lower than -4°F (e.g., do not leave the scooter or the battery pack in a car under direct sunlight for an extended time).
7. **DO NOT** throw the battery pack into fire as it may lead to battery failure, battery overheating, and even another fire. If the scooter is expected to be left idle for more than 30 days, please fully charge the battery and place it in a dry and cool place. Keep in mind to recharge it every 60 days to protect the battery from potential damage which is beyond limited warranty.
8. Always charge before exhausting the battery to prolong the battery's lifespan. The battery pack performs better at normal temperature, and poor when it is below 32°F. For instance, when it is below -4°F, the riding range is only half or less at normal state. When the temperature rises, the riding range restores. For detailed information, please refer to A02 scooter App.

Note: fully charged A02 Electric Scooter will take around 5-9 hours. The built-in intelligent chip will keep a log of its charging and discharging records. The damage caused by prolonged no charge is irreversible and is beyond limited warranty. Once the damage is done, the battery can not be recharged (non-professionals are forbidden to dismantle the battery pack, as it may cause electric shock, short circuit or even major safety accidents).

## Adjusting the disc brake

Adjusting the disc brake



If the brake is too tight, use the hexagon wrench to loosen the screws on the caliper, and slightly send back the brake cable to shorten the exposed length, then tighten the screws. If the brake is too loose, loosen the screws, and slightly pull out the brake cable to lengthen the exposed length, then tighten the screws.



## Adjusting the handlebar



If the handlebar and its stem sway during riding, use the hexagon wrench to tighten the screws on the folding mechanism.

## 10 Specifications

Performance index	Item	Specifications
Dimensions	L*W*H	110*54.5*118 cm
	After folding: L*W*H	110*54.5*53 cm
Weight	Net weigh/gross weight (kg)	17.2 / 19.5
Riding requirements	Max loading (kg/lbs)	120Kg / 264 lbs
	Age appropriate	14-60 years
	Body length W*L (cm)	45*17
Main parameters	Speed (km/h)	6- 15-25
	Max.climbing angle (%)	Approx. 15
	Suitable surfaces	Cement,asphalt and mud roads; bench lower than 1cm; crevice narrower than 3cm
	Operating temperature (*F)	0-40°C
	Storage temperature ("F)	5-30°C
	IP rating	IPX4
Battery pack	Rated voltage (VDC)Max input voltage (VDC)	36 36
	Intelligent battery management system	Unusual temperature/ short circuit/ under voltage/ over current/ dual overcharge/ dual over-discharge protections
	Front tire	10" Inner honeycomb rubber
Tires	Rear tire	10" Inner honeycomb rubber
Charging adapter	Input voltage (VAC)	100-240V
	Output voltage (VDC)	42
	Charging time (h)	Approx,5-9hours

Note: Speed and Range depending on load and terrain!

## NOTE

Typically, a fully charged battery should retain power for 120-180 days. A low-power battery should retain power for 30-60 days. Remember to charge the battery after each use. Completely draining the battery may cause permanent damage to the battery. Electronics inside the battery record the charge-discharge condition of the battery; damage caused by over-charging or under-charging will not be covered by the Limited Warranty.

## ▲ WARNING

Do not attempt to disassemble the battery. Do not touch battery contacts. Do not dismantle or puncture the casing. Keep the battery contacts away from metal objects to prevent short circuit. Risk of fire and electric shock No user serviceable parts. Do not charge or use your battery if it is damaged or see trace of water.

## ▲ WARNING

Do not ride when the ambient temperature is outside the machine operation temperature (see Specifications) because low/high temperature will limit the maximum power/torque. Doing so could cause personal injury or property damage due to slips or falls.

## ▲ WARNING

Prolonged exposure to UV rays, rain and the elements may damage the enclosure materials. Store indoors when not in use.

**Keep away from fire!**

## ▲ WARNING

- For information about battery and electrical waste, please contact your household waste disposal service, your local or regional waste management office, or your point-of-sale.
- Do not attempt to replace or disassemble the battery.
- Do not dismantle or puncture the casing.
- Keep away from metal objects to prevent short circuit.
- Risk of fire and electric shock. No user serviceable parts.
- Do not store or charge the battery at temperatures outside the stated limits (see Specifications).
- Never charge in areas forbidden by law.

## Battery Charger

•Regularly examine the charger for damage to the cord, plug, enclosure and other parts. If any damage is found, stop using until it is repaired or replaced.

•The external cable of the charger (power supply unit) cannot be replaced; if the cord is damaged, the transformer must be discarded and replaced by a new one.

## Cable Tension Adjustment

When the brake is too tight or loose, you can thread in/out the brake cable adjuster.

## Others

- Before lifting moving or otherwise transporting the scooter. Turn it off and fold the scooter. Handle with care and avoid violent force, such as throwing and heavy pressure. Keep away from fire and water.
- The tires supplied with the product should be mounted on the wheels by a service professional. Removing the wheel is complicated and incorrect fitting can lead to instability and malfunctions.
- This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.
- Efforts have been made to simplify wording in the user manual for users. Where an action appears too complicated for a user, he/she is advised to contact an authorized or a specialized repairer or customer service.

In case of accidents or breakdown, contact an authorized repairer if the product is still under warranty. If it's not, you can contact any specialized repairer of your choice. You can ask for the list of the authorized repairers from the customer service available.

## NOTICE: INSURANCE

**THE USE OF THIS SCOOTER TO DETERMINE IF COVERAGE IS PROVIDED, PLEASE CONTACT YOUR INSURANCE COMPANY OR AGENT.**

# 11 Trademark and Legal Statements

The respective owners reserve the rights of trademarks referred to in this manual. We have attempted to include description and instructions for all the functions of the electric scooter A02 at time of printing. However, due to constant improvement of product features and changes of design, your scooter may differ slightly from the one shown in this document.

## Notes

The following conditions are not covered by the warranty :

- (1) Damage caused by any water damaged, human factors, including improper use and failure to keep in accordance with the instructions.
- (2) This limited warranty doesn't cover any problem that is caused by conditions, malfunctions, or damage not resulting from defects in material or workmanship. This conditions may include, but not limited to, road hazards, accidents and improper operation or maintenance.

## 12 FCC Warning Statement

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

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.

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