



LEQISMART

## **ELECTRIC SCOOTER A8**

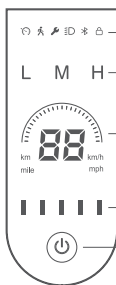
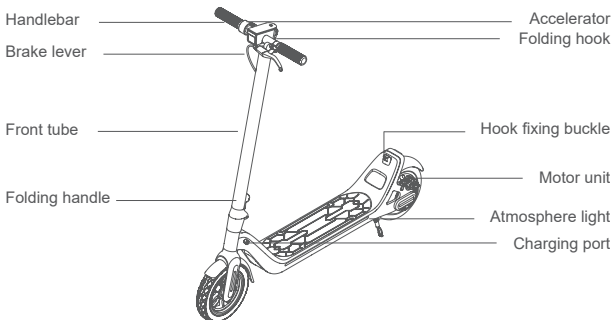
USER MANUAL

More Information Visit  
[www.leqismart.com](http://www.leqismart.com)

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## Product Features



**Function mode:** Cruise mode, Pedestrian mode, Fault prompt, Light, Bluetooth, Lock.

**Gear mode:** The maximum speed limit is 6 km/h for L gears, 15 km/h for M gears and 25 km/h for H gears.

**Speedometer :** Remaining mileage will be displayed within 6 seconds after turn on; Then displayed current speed.

**Battery indicator:** Displayed the remaining battery power, it displayed in red and flashing when the power is about 10%.

**Switch button:** Press it to turn on, press and hold for 3 seconds to shut down; in power-on state, press once to turn off the light, and press twice consecutively to switch gears; in power-off state.

## Packing list



User Manual



Service Card



Power Adapter



T-shape  
Allen Key



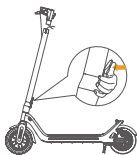
Screw

## Parameters

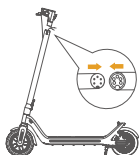
Model	A8
Net weight	15.5 kg
Expanded size	112.4×44×118 cm
Applicable age	10+
Applicable height	130~200 cm
Maximum load	100 kg
Maximum speed	25 km/h
Mileage	About 45 km
Gradeability	About 15%
Waterproof level	IPX5
Charging time	About 5.5 hours
BMS management	Over-charge, Over-temperature, Over-discharge, Over-current, Short circuit, Over-voltage
Brake system	Manual disc brake + Electronic brake
Tire size	9 inch puncture-proof tubeless tyres

## Assembly

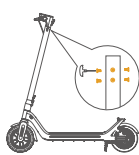
1. Pull the folding handle upwards until there is a click sound, and pull the folding handle to confirm whether it is locked.
2. Manually connect the fixing seat and the data cable in the front tube, and check whether it is turned on normally.
3. Insert the fixing seat into the front tube, and use a T-shape Allen Key to tighten the six screws.



1



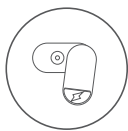
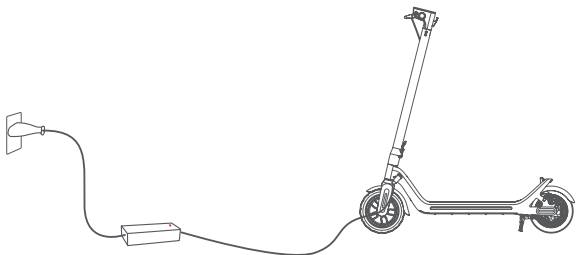
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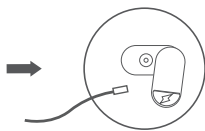
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## Charge Your Scooter

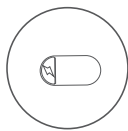
1. The indicator light of the charger turns green when connected the charger to the power supply.
2. Inserting the charging plug, and the indicator light will turns from green to red.
3. After charging, the indicator light turns from red to green.



Open the rubber flap



Plug the power adapter  
into the charging port



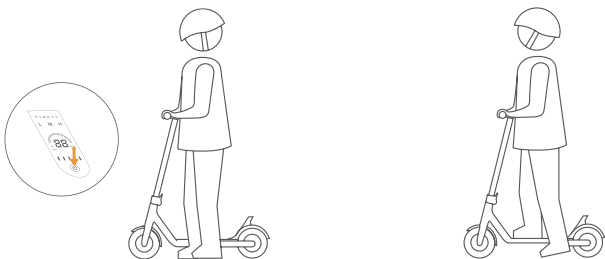
Fasten the rubber flap  
after charging

### **i** Attention:

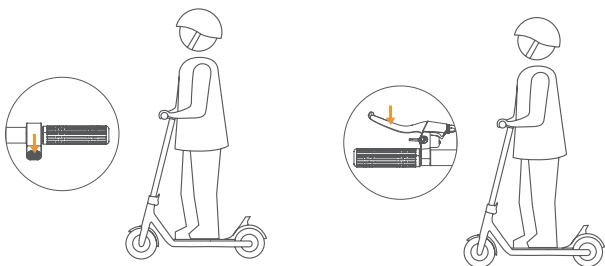
- Only use the original power adapter when charging.
- Keep away from children and animals when charging, and keep away from flammable materials.
- Do not charge or use the battery if it emits a peculiar smell, overheats or leaks.
- Do not open the battery pack or insert anything into the charging port as the battery contains dangerous substances.
- If it won't be used for a long time, please fully charge it first, store in a cool and dry place, and fully charge it every 30 days.

## How To Ride

1. Press the switch button to turn on the scooter and check the battery level. If the battery level is too low, please charge it in time.
2. Stand with your right foot on the pedal and thrust against the ground with your left foot. When the speed of the scooter is  $\geq 4$  km/h, start the motor.

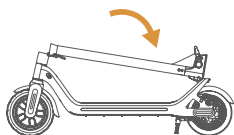
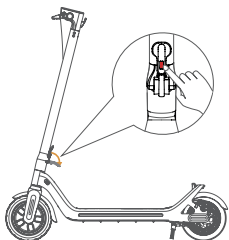


3. During the sliding, keep your balance, place the other foot on the pedal and lightly press the accelerator to move forward.
4. When steering or decelerating, release the accelerator and use the brake lever to brake.



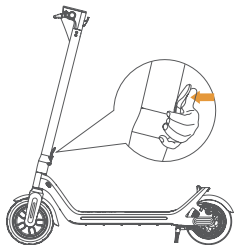
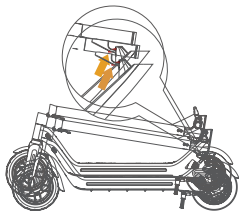
## Folding

Turn off the scooter, press the red safety lock, and release the folding handle; fold the front tube clamp, align the folding hook and put it into the hook fixing buckle; lift the front tube and confirm whether it is fastened firmly.




## Unfolding

Press the red button on the folding hook to remove the hook from the folding retaining buckle, straighten the front tube, close the folding handle until there is a “click” sound; flip the folding handle and confirm whether it is locked.



## LEQISMART APP

Scan QR code with your mobile phone, or search "LEQISMART" in the Application market, download and install the APP.

-  If the LEQISMART APP has been installed on your mobile phone, make sure that the APP is the latest.



### STEP 1

Press the button to turn on the scooter and turn on the Bluetooth function of the mobile phone.



### STEP 2

Open the LEQISMART APP. For the first use, please register/log in to your account according to the APP guide.



### STEP 3

Enter on APP homepage, select "Search the binding".The APP will scan the scooter to be configured and add the device according to the prompt in the APP interface.

## Zero Start / Non-zero Start Mode

### 1. Zero Start Mode:

After startup, flick the accelerator dial to activate the accelerator.

### 2. Non-zero Start Mode:

After startup, the accelerator can be started only when the initial speed is  $\geq 4\text{km/h}$  with the help of feet.

3. The factory default of scooter is non-zero start mode.



## Safety Precautions

1. Please carefully read the User Manual, which will assist in explaining the basic working principles and provide tips on how to best enjoy your scooter experience.
2. Please wear all appropriate safety and protective gear as previously mentioned in the User Manual before operating the scooter.
3. Obligation to always wear shoes, Make sure to wear comfortable clothes.
4. Do not use any accessories or additional items not approved by the manufacturer with the scooter. Do not try to open or modify your scooter, as doing so will void your manufacturer warranty, and may cause failure to your device leading to serious bodily injury or death.
5. **WARNING!** Keep plastic covering away from children to avoid suffocation.
6. Do not operate the scooter while under the influence of drugs and/or alcohol.
7. Do not operate the scooter when you are restless or sleepy.
8. Use your best judgment to keep yourself out of dangerous situations with your scooter.
9. The scooters have a range of about 45 km and a maximum speed of 25 km/h.
10. Do not turn sharply, especially at high speeds.
11. Do not abuse your scooter, doing so can damage your unit and cause failure to the operating system leading to injury.
12. Do not drive in or near puddles of water, mud, sand, stones, gravel, debris or near rough and rugged terrain.
13. The scooter can be used on paved roads that are flat and even. If you encounter uneven pavement, please lift your scooter over and past the obstruction.
14. Do not ride in inclement weather: snow, rain, hail, sleet, on icy roads or in extreme heat.
15. Do not ride in or near pools or other large bodies of water.
16. Traffic in the city has many obstacles to cross such as curbs or steps. It is recommended to avoid obstacle jumps. It is important to anticipate and adapt your trajectory and speed to those of a pedestrian before crossing these obstacles. It is also

recommended to get out of the vehicle when these obstacles become dangerous due to their shape, height or slippage.

17. Do not attempt to ride over bumps or objects greater than 1.5 cm even when prepared and bending your knees.

18. PAY ATTENTION - look at where you are riding and be attentive of the road conditions, people, places, property and objects around you.

19. Do not operate the scooter in crowded areas.

20. Operate your scooter with extreme caution when indoors, especially around people, property, and narrow spaces like doorways and other narrow spaces.

21. Other recommendations such as: special precautions for use at dark; not to touch the brake disc.

22. Do not operate the scooter while talking, texting, or looking at your phone.

23. Do not ride your scooter where it is not permitted.

24. Do not ride your scooter near motor vehicles or on public roads.

25. Do not climb or travel down steep hills with your scooter.

26. The scooter is intended for use by a single individual, Do not attempt to operate

the scooter with two or more people.

27. A statement that any load attached to the handlebar will affect the stability of the vehicle. Do not carry anything while riding the scooter.

28. People who lack balance should not attempt to operate a scooter.

29. Women who are pregnant or are preparing for pregnancy should not operate the scooter.

30. Young children and the elderly should not operate the scooter without proper instruction and supervision from a Certified scooter trainer.

31. At higher speeds, always take into consideration longer stopping distances.

32. Do not step forward of your scooter.

33. Do not attempt to jump on or off your scooter.

34. Do not attempt any stunts or tricks with your scooter.

35. Do not ride the scooter in dark or poorly lit areas.

36. Do not ride the scooter near or over potholes, cracks or uneven pavement.
37. Do not operate your scooter off-road.
38. Do not exceed the maximum weight limit of 100 kg.
39. Avoid driving the scooter in unsafe places, including near areas with flammable gas, steam, liquid, dust, fiber, which could cause fire and explosion accidents.
40. Scooter users are recommended to be 10+ years and 130 to 200 cm tall.
41. In any case, anticipate your trajectory and your speed while respecting the code of the road, the code of the sidewalk and the most vulnerable.
42. Notify your presence when approaching a pedestrian or cyclist when you are not seen or heard.
43. Cross the protected passages while walking.
44. In all cases, take care of yourself and others.
45. Do not divert the use of the vehicle.
46. This vehicle is not intended for acrobatic use.
47. Caution, the brake may become hot in use. Do not touch after use.
48. Warning aiming to draw the user's attention to any damages related to intensive use and to recommend periodic inspections of the frame, fork and suspension attachments (if any).
49. Regularly check the tightening of the various bolted elements, in particular the wheel axles, the folding system, the steering system and the brake shaft.
50. Do not modify or transform the vehicle, including the steering tube and sleeve, stem, folding mechanism and rear brake.
51. For pneumatic tires, the recommended maximum tire pressure is 45-50 psi.
52. **WARNING!** As with any mechanical component, a vehicle is subject to high stresses and wear. The various materials and components may react differently to wear or fatigue. If the expected service life for a component has been exceeded, it may break suddenly, therefore risking causing injuries to the user. Cracks, scratches and discoloration in the areas subject to high stresses indicate that the component has exceeded its

service life and should be replaced.

53. List regarding the maintenance that can be performed by the user himself; Instructions for routine inspection, maintenance, cleaning and/or cleaning.

54. Instructions covering all functions of the vehicle, especially driving power assistance start mode (e.g. pushing the vehicle by more than 4 km/h and activating the power assistance mode).

55. Do not place the scooter in a high temperature higher than 50 °C or a low temperature lower than -20 °C (for example, do not put the scooter in a car exposed to the sun in summer). Do not put the scooter into a fire, otherwise it may lead to battery failure, overheating, and even fire risk.

56. Environmental conditions (e.g. outdoor or indoor charging); requirement to power off the vehicle during charging, or into a certain non-operational mode.

57. When not in use for more than 30 days, fully charge, store in a cool, dry place, and fully charge every 30 days.

58. The equipment contains a radio transmitting module with type approval code CMIIT ID: 2021DP11017; Do not use wireless devices in places where the use of wireless devices is prohibited. Otherwise, it may interfere with other electronic devices or cause other risks.

59. Take the time to learn the basics of the practice to avoid any serious accident that can take place in the first months.

60. An instruction to keep the printed instructions for further reference and to be read carefully before use.

## **Cleaning And Storage**

If there are stains on the surface of the scooter, use a soft cloth to dip in a small amount of water to wipe; If there are stains that are difficult to clean, smear them with toothpaste and brush them repeatedly, then clean them with a damp cloth. If the plastic parts of the body are scratched, use sandpaper or other abrasive materials to polish them.

### **i Tips:**

Do not use alcohol, gasoline, kerosene or other corrosive and volatile chemical solvents to clean, otherwise it will seriously damage the appearance and internal structure of the car body. It is forbidden to use pressure water gun to spray and wash. Ensure that the scooter is off and the charging port rubber cover is tightly fastened during cleaning, otherwise electric shock or serious failure may occur due to internal water inflow. When not in use, store in a dry and cool place indoors. Avoid outdoor storage for a long time. Long-term sun exposure, overheating and cold outdoor environment will accelerate the appearance and tire aging of the scooter, and reduce the service life of the scooter and battery pack.

## **Tire Inflation and Maintenance**

The product uses puncture-proof tubeless tyres, please check carefully the tire pressure before riding ,and ensure the tire pressure is 45-50 psi. When the tire height sinks 20%-30%, needs to inflate. The recommended tire pressure is 45-50 psi after inflation, and the tire should be inflated at least once every 2-3 months. Regular inflation and cleaning of tire surface debris can prolong the service life of the tire.

## **Battery Maintenance**

1. Do not use battery packs of other models or brands, or else there may be safety risks.
2. It is strictly forbidden to disassemble, squeeze, or puncture this product; it is forbidden to throw this product into water, fire (including heat sources such as stove, heater, etc.) or expose it to an environment with a temperature higher than 50°C.
3. Water entering the battery may cause damage to the internal circuit, and there is a risk of fire or even explosion; if the battery is suspected of water entering, please stop using it immediately and contact the after-sales service.
4. Do not touch the battery contacts, disassemble or puncture the case. Avoid metal objects contacting the battery contacts, or else it may cause short circuits, damage to the battery or

personal injury or death.

5. Avoid recharging after the battery is completely depleted, and try to charge as soon as possible, so as to prolong the service life of the battery.

6. Only use the original power adapter when charging, or else there is a danger of damage or fire.

7. Please fully charge the battery before storing it after each use, which will help to extend the battery life.

8. Do not place the scooter in an environment above 50°C or below -20°C (for example: in a car exposed to the sun in summer). It is forbidden to throw the scooter into a fire, or else it may cause the battery to fail, overheat, and even cause fire.

9. When used at normal temperature, the battery pack can exert a higher range and performance; if used in an environment below 0°C, the battery life and performance will decrease.

10. If it won't be used for a long time, please fully charge it first, store in a cool and dry place, and fully charge it every 30 days.

11. Improper disposal of used batteries may seriously pollute the environment. Please abide by local regulations when disposing of the battery pack. Do not throw away the battery pack in order to protect the natural environment.

## **Environmental Protection**

This product contains battery or recyclable electronic waste, and the built-in rechargeable battery contains substances that may pollute the environment. When disposing of the product, please do not pile it with general household waste, but hand it to the electronic waste collection point designated by the state, which is beneficial to environmental protection.

## After-sales Service

This product strictly implements the relevant laws and regulations from the date of purchase:

- No reason to return within 7 days.
- Replacement of products with quality problems within 1 month.
- In case of product quality problems within 12 months, the user can enjoy the warranty service with the purchase certificate.

### Attention:

You are advised to keep the packing case for at least 1 month from the next day after you sign for it.

## Non-warranty Rule

Warranty services cease to apply in any of the following cases:

- No warranty voucher or beyond warranty period.
- Product damage ascribed to the failure in using, maintaining and keeping the product as per the manual.
- Damage ascribed to unauthorized dismantling and repairing.
- Damage ascribed to force majeure.
- Normal fade and consumption in normal use.

## Warranty Content

Type	Parts	Times
Main Parts	Frame, Hub Motor, Auxiliary Hub, Handlebar, Hood Cover, Front Fork Cover, Folding Riser Set, Mechanical Brake Line	12 Months
Accessories	Battery, Charger, Dial, Headlight, Taillight Brake lever, Instrumentation, Controller	6 Months
Wearing Accessories	Handlebar Grip, Front/Rear Tire, Front Fender, Rear Fender, Silicone Mats, Warning Reflective Stickers, Kickstand, Rubber Plugs, Frame Bottom Covers, Motor Sides decorative Covers, Bells, Reflectors, Atmosphere Light, Instrument Cover, Hook	3 Months

## User Stub

User information(Please fill in the real information. We promises that the user information will only be used for after-sales service).

User name: \_\_\_\_\_ Phone number: \_\_\_\_\_

E-mail: \_\_\_\_\_ Postal code: \_\_\_\_\_

Address: \_\_\_\_\_

### Product information

Product name: \_\_\_\_\_ Model: \_\_\_\_\_

SN code: \_\_\_\_\_ Color: \_\_\_\_\_

Date of manufacture: \_\_\_\_\_

Service:     Return         Replace         Repair

Fault phenomenon: \_\_\_\_\_

Signature of repairer: \_\_\_\_\_

Date of acceptance: \_\_\_\_\_





## Manufacturer Stub

User information(Please fill in the real information. We promises that the user information will only be used for after-sales service).

User name: \_\_\_\_\_ Phone number: \_\_\_\_\_

E-mail: \_\_\_\_\_ Postal code: \_\_\_\_\_

Address: \_\_\_\_\_

### Product information

Product name: \_\_\_\_\_ Model: \_\_\_\_\_

SN code: \_\_\_\_\_ Color: \_\_\_\_\_

Date of manufacture: \_\_\_\_\_

Service:     Return         Replace         Repair

Fault phenomenon: \_\_\_\_\_

Signature of repairer: \_\_\_\_\_

Date of acceptance: \_\_\_\_\_

## Fault Code

Code	Description of Fault Content	Solution	Corresponding Parts
E0	Undervoltage, low battery	Please charge in time.	Battery
E1	Overvoltage, too high battery	Needs to unplug the charger.	Battery
E2	Controller Fault	Controller needs to be replaced.	Controller
E3	MOS Tube Fault	After 15 minutes of shutdown, restart to confirm whether the fault is resolved; if not, the controller needs to be replaced.	Controller
04	Hardware Communication Fault	Check the connection line between the controller and the display, if the connection is normal, but the fault is not resolved, please call the manufacturer.	Controller / Display
05	Hall Fault	Check the Hall wire between the controller and the motor. If the connection is normal, but the fault is not resolved, the motor needs to be replaced.	Motor
06	Accelerator Fault	Check the accelerator shift connection cable, if the connection is normal, whether the fault is resolved; if not, replace the shift.	Accelerator

<b>Code</b>	<b>Description of Fault Content</b>	<b>Solution</b>	<b>Corresponding Parts</b>
E7	Brake Lever Fault	Check the brake lever connection line, if the connection is normal, whether the fault is resolved; if not, the brake lever needs to be replaced.	Brake Lever
08	OCP Protection	Shut down for 5 minutes, then restart to confirm whether the fault is resolved, if not, replace the controller.	Controller
09	Motor Fault	Shut down for 5 minutes, then restart to confirm whether the fault is resolved, if not, replace the motor.	Motor

**ShenZhen LEQI Intelligent Technology Co., Ltd.**

Add: Factory Room 202, No. 340 Guihua Road, Guixiang Community,  
Guanlan Sub-district, Longhua District, Shenzhen, Guangdong, China

Email: [service@leqismart.com](mailto:service@leqismart.com) Web: [www.leqismart.com](http://www.leqismart.com)

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