

AOTOS

Electric Scooter E3

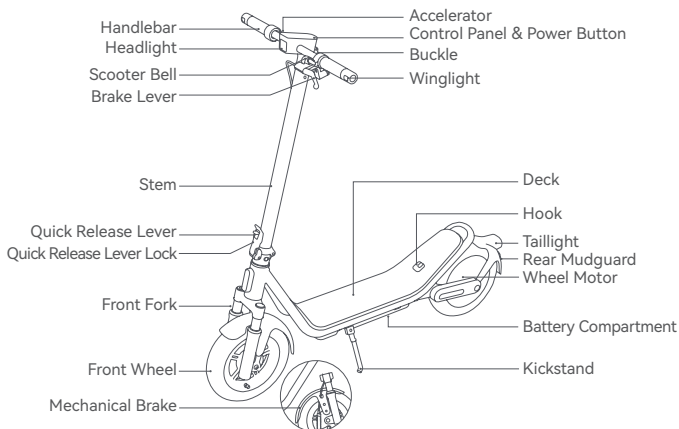
User Manual

Please keep properly for future reference: Please read carefully.

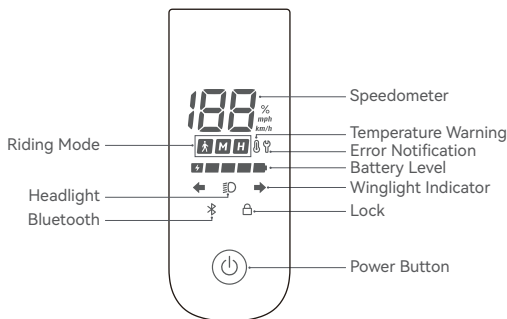
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Product Overview



Control Panel & Power Button



Dashboard Interface Function Description

Gear Modes: (🚶)The pedestrian mode gear is walking mode, with a maximum speed of about 4 mph (6 km/h); the M gear is standard mode, with a maximum speed of about 9 mph (15 km/h); the H gear is sport mode, with a maximum speed of about 20 mph (32 km/h).

Speedometer: When powered on, all icons are fully displayed for 1 second, then the current speed is shown.

Battery Indicator: Displays remaining battery; when the battery is at 10%, the red light flashes.

Power On Operation: From the off/sleep state, short press the power button to turn on, and the screen lights up.

Power Off Operation: Prerequisite: The user's app has not enabled the auto-lock power-off feature.

- In standby mode, long press the power button for 3 seconds to turn off the device; the screen will go dark. The device cannot be powered off if the speed is ≥ 2 mph.

- In standby mode, if the scooter speed is 0 mph and the scooter is not operated for $\geq X$ minutes (X is the auto power-off time set in the app, selectable as 2, 5, or 10 minutes, default is 10 minutes), the scooter powers off automatically and the screen goes dark.

Cruise Control Function

- Activation: Off by default, can be turned on/off in the app settings.

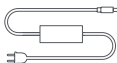
- Trigger Conditions: During riding, if the vehicle speed remains at X mph (km/h) for 5 seconds, cruise control is activated.

- Exiting Cruise: Squeeze the brake, press the thumb switch, or change gear to exit cruise control; single click of the headlight on/off does not exit cruise control.

Accessories List



User Manual /
Service Card



Power Adapter



T-handle
Allen key



Screws

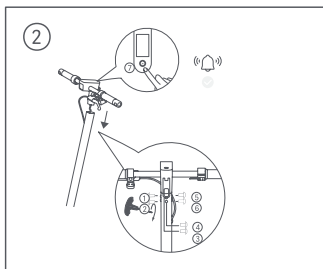
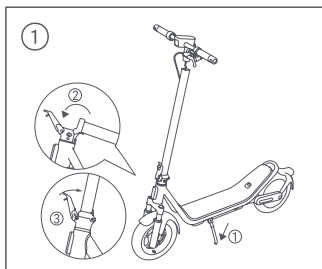
Product Specifications

Product Name:	ELECTRIC SCOOTER
Model:	E3
Unfolded Dimensions:	127.4 x 59.5 x 129.2 cm / 50.15 x 23.42 x 50.86 inches
Folded Dimensions:	127.4 x 59.5 x 61.9 cm / 50.15 x 23.42 x 24.37 inches
Package Dimensions:	131 x 19 x 66 cm / 51.57 x 7.48 x 25.98 inches
Package Weight:	31.85 kg / 70.22 lb
Max Load Capacity:	≤120 kg / 265 lb
Recommended Age:	12-50 years
Recommended Height:	140-200 cm
Max Speed:	20 mph / 32 km/h
Nominal Range:	28 miles / 45 km
Max Climbing Grade:	Approx. 18%
Suitable Surfaces:	Cement/asphalt pavement with grooves <1 cm (0.4 in) or cracks <3 cm (1.2 in)
Operating Temperature:	-10°C to 40°C
IP Rating:	IPX5
Charging Time:	Approx. 8 hours
Battery Model:	DT3610CT-LQ-06

Rated Voltage (VDC):	36V
Max Charging Voltage (VDC):	42V
Rated Energy (Wh):	360Wh
Rated Capacity (Ah):	10Ah
Normal Charging Temperature Range:	0°C to 40°C
Smart BMS Protections:	Overcharge/Over-voltage/Undervoltage/Short Circuit/Overcurrent/Overheat, etc.
Motor Power:	650W MAX
Charger Model:	GC72-410150-D
Output Power (W):	61.5W
Input Voltage (VAC):	100V-240V
Max Output Voltage (VDC):	42V
Rated Output (VDC; A):	41.0V; 1.5A
Tires:	12-inch Vacuum tire
Braking System:	Front drum brake & rear e-brake

Assembly

1. Pull the folding handle upward until you hear a clear 'click' sound. Then, pull the folding handle again to confirm the lock is in place.
2. Secure the handlebar using the 6 included screws. Then, use the T-handle Allen key to further tighten the screws.

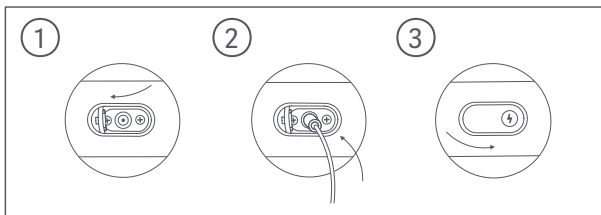


Charging Your Scooter

1. When the charger is connected to a power source, the indicator light should turn green.
2. When the charger is connected to the scooter, the indicator light should change from green to red.
3. Once the scooter is fully charged, the indicator light should turn green again.

Charging Steps

1. Open the rubber cover
2. Insert the power adapter into the charging port
3. Secure the rubber cover after charging



Important Notes:

Use only the original power adapter when charging.

Keep away from children and pets during charging, and ensure it is not near flammable materials.

Do not charge or use the scooter if the battery emits unusual odors, overheats, or leaks.

Do not open the battery pack or insert any objects into the charging port, as the battery contains hazardous materials.

If the scooter will not be used for an extended period, fully charge it, store it in a cool, dry environment, and recharge it fully every 30 days.

How to Ride

1. Power On

Press the power button to start the electric scooter. Check the battery level on the display. If the level is low, charge the scooter before riding.

2. Start Riding

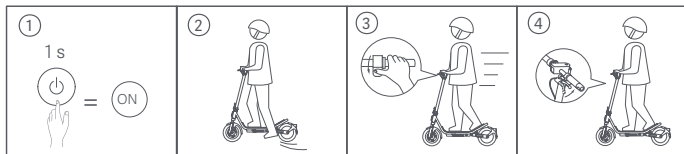
Place one foot on the deck and use the other foot to push off the ground. The motor will engage automatically when the scooter reaches a speed of about 3 mph (5 km/h).

3. Accelerate

Place your other foot on the deck while riding and gently press the throttle to engage the motor.

4. Steering and Braking

To turn or slow down, release the throttle and use the brake lever for smooth and safe stopping.



Folding

1. Turn Off the Scooter

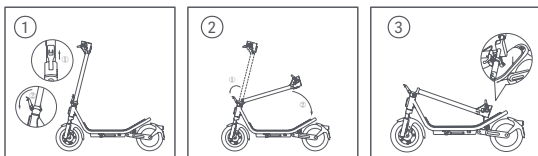
Press the power button to turn off the scooter.

2. Unlock and Fold

Pull up the safety lock on the side of the scooter, then pull the handlebar away from the scooter base to release it. Fold the stem down, align the hook on the stem with the fixed slot at the rear of the scooter, and connect them.

3. Secure the Folded Position

Slightly lift the stem to ensure it is securely fastened and locked in place.



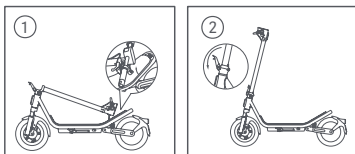
Unfolding

1. Release the Fold

Press the bell hook on the fixing latch, then pull the stem upward to release the fold.

2. Straighten and Lock

Straighten the stem, then close the folding handle until you hear a "click" sound. Gently pull the tube to ensure it is fully locked before riding.



Zero-Start / Kick-to-Start Mode

1. Zero-Start Mode:

After powering on, the scooter can accelerate immediately by pressing the throttle.

2. Kick-to-Start Mode:

After powering on, the throttle will only engage after an initial speed of ≥ 3 km/h is reached with the assistance of a foot push.

3. The factory default setting for the electric scooter is Kick-to-Start Mode.

4. The APP allows custom setting of the engagement speed (options: 0, 3, 4, 5 km/h).

* For new riders, the Kick-to-Start mode is recommended. Users familiar with electric scooter operation may try the Zero-Start mode.

Safety Precautions

1. Read the user manual carefully to understand basic operational principles and recommendations for an optimal riding experience.

2. Before operating the scooter, wear all appropriate safety and protective gear as mentioned in the user manual.

3. Wear closed-toe shoes and avoid loose-fitting clothing while riding.

4. Do not use unapproved accessories or attempt to modify or open the scooter. This voids the warranty and may cause device failure, serious injury, or death.

5. **WARNING!** Keep plastic coverings away from children to avoid suffocation hazards.

6. Do not operate the scooter under the influence of drugs and/or alcohol.

7. Do not operate the scooter when feeling restless or drowsy.

8. Use your best judgment to avoid situations where the scooter could pose a hazard.

9. Avoid sharp turns, especially at high speeds.

10. Avoid debris and rough terrain.

11. Lift the scooter over obstacles when encountering uneven pavement.

12. Do not ride on roads or in extreme heat.

13. Do not ride near swimming pools or other large bodies of water.

14. Navigate urban obstacles carefully. Watch for curbs, steps, and other obstructions. Adjust your speed and route like a pedestrian, and dismount if necessary.

15. Do not attempt to ride over bumps or objects taller than 0.6 inches, even when prepared and with bent knees.

16. Stay Alert - Always watch where you are riding and be aware of road conditions, pedestrians, locations, property, and objects around you.

17. Do not operate the scooter in crowded areas.

18. Exercise extreme caution when operating the scooter indoors, especially near people, property, and narrow spaces like doorways.
19. Take extra precautions in low-light conditions; be careful not to engage the brakes unexpectedly.
20. Do not ride while talking on the phone, texting, or looking at your phone.
21. Do not ride the scooter where prohibited.
22. Do not ride the scooter near motor vehicles or on public roads.
23. Do not ride the scooter up or down steep slopes.
24. The scooter is for single-person use only. Do not attempt to operate it with two or more people simultaneously. Do not carry any items while riding.
25. Individuals with insufficient balance should not attempt to operate the scooter.
26. Women who are pregnant or planning to become pregnant should not operate the scooter.
27. Young children and the elderly should not operate the scooter without proper guidance.
28. Always allow for longer stopping distances at higher speeds.
29. Do not step forward off the scooter while it is moving.
30. Do not attempt to jump onto or off the scooter.
31. Do not attempt any stunts or tricks on the scooter.
32. Do not ride the scooter in the dark or in areas with insufficient lighting.
33. Ride the scooter only on roads or areas permitted by local regulations, and park in allowed zones. The maximum speed is limited to 15 mph (24 km/h). If local regulations specify a different maximum speed, follow local laws. Observe road safety and traffic rules.
34. Do not ride near or over potholes, cracks, or uneven surfaces.
35. Do not operate the scooter off-road.
36. Do not exceed the maximum weight limit of 120KG(265 lb),Min. load 44 kg (97 lb).
37. Avoid operating the scooter in unsafe locations, including areas prone to explosions.
38. The recommended user age is 12 years and older, with a height between 140 cm and 200 cm (55-78 inches).
39. Obey traffic and sidewalk rules. Signal in advance when passing pedestrians or cyclists.
40. Dismount and walk when crossing protected passages.
41. This vehicle is not suitable for any form of stunts.
42. Brakes may become hot after use; avoid touching them after riding.
43. WARNING! Regular inspection of the frame and front fork is recommended.
44. Regularly check the tightness of all bolt components, especially wheel axles, the folding system, the steering system, and brake axles.
45. Do not modify the vehicle, including the steering tube, folding mechanism, and rear brake.

46. Like all mechanical devices, the scooter is subject to wear and fatigue. Different components may withstand stress differently. When a part exceeds its expected lifespan, it may fail suddenly, posing a potential injury risk. Check for cracks, scratches, or discoloration, which are signs of wear indicating the part needs replacement.
47. General maintenance checks can be performed by the user without professional assistance.
48. Do not expose the scooter to temperatures exceeding 122°F (50°C) or below -4°F (-20°C). Do not dispose of the scooter in fire, as this may cause battery failure, overheating, or even fire risk.
49. If not used for over 30 days, fully charge it, store it in a cool, dry place, and recharge every 30 days.
50. This device contains a radio transmitter. Do not use wireless devices where prohibited, as they may interfere with other electronic devices or pose other risks.
51. Always keep and read the manual for future reference.
52. Do not allow hands, feet, hair, body parts, clothing, or similar items to contact moving parts, wheels, or the drive system while the motor is running. Individuals with heart conditions, or head, back, or neck ailments, or those who have undergone surgery in these areas should avoid operation.
53. Use silicone oil emulsion, such as model YA1 or other compatible types, for lubrication to facilitate easy wheel removal during tire changes.
54. Before each operating cycle, the operator should perform the following pre-operation checks (55-59) as specified by the manufacturer:
55. Ensure all manufacturer-installed guards and shims are properly installed and serviceable;
56. Ensure the operating area is safe and suitable for operation;
57. Ensure the brake system is functioning correctly;
58. Ensure all safety labels are present and understood by the operator;
59. Ensure all axle guards, chain guards, or other manufacturer-provided covers or protective devices are installed and serviceable.
60. **WARNING – Risk of Fire – No User Serviceable Parts.**
61. Prolonged Exposure to UV Rays, Rain and the Elements May Damage the Enclosure Materials, Store Indoors When Not in Use.
62. Individuals with any physical or mental conditions that could lead to injury, affect physical dexterity, or cognitive ability must be able to recognize, understand, and follow all safety instructions, and accept the inherent risks of using this device.
63. **WARNING – Risk of Fire and Electric Shock –Battery and/or battery components are not user replaceable.**
64. **NOTE:** Always yield to pedestrians and obey traffic regulations. Riding on sidewalks may be illegal; check local laws.

Cleaning and Storage

If the scooter surface has stains, wipe it with a soft cloth dipped in a small amount of water. For stubborn stains, apply a small amount of multi-purpose cleaner, gently scrub with a brush, and then clean with a damp cloth. If the plastic parts of the body are scratched, use sandpaper or other abrasives for polishing.

Important Notes:

Do not use alcohol, gasoline, kerosene, or other corrosive/volatile chemical solvents for cleaning, as they can severely damage the scooter's appearance and internal structure.

Do not clean the scooter with pressurized water jets.

During cleaning, ensure the scooter is powered off and the charging port rubber cover is securely fastened. Otherwise, internal water ingress may cause electric shock or serious malfunction.

When not in use, store the scooter indoors in a dry and cool place.

Avoid prolonged outdoor storage.

Long-term exposure to direct sunlight, extreme heat, or cold outdoor conditions can accelerate the aging of the scooter's appearance and tires, shortening the lifespan of both the scooter and the battery pack.

Battery Maintenance

1. Do not use battery packs of other models or brands, as this may pose safety risks.

2. Strictly prohibit disassembling, crushing, or piercing the product. Do not throw the product into water or fire (including stoves, heaters, and other heat sources), or expose it to environments with temperatures exceeding 122°F (50°C).

3. Water ingress into the battery may damage internal circuits, leading to fire or even explosion risks. If water ingress is suspected, stop use immediately and contact after-sales service.

4. Do not touch the battery contacts, disassemble, or puncture the battery casing. Avoid metal objects contacting the battery terminals, as this may cause short circuits, battery damage, personal injury, or even death.

5. To extend battery life, avoid fully discharging the battery. Recharge it as soon as possible.

6. Use only the original power adapter for charging. Using other adapters may cause damage or even fire hazards.

7. Fully charge the battery before storage after each use. This helps prolong battery life.

8. Do not place the scooter in environments above 122°F (50°C) or below -4°F (-20°C) (e.g., inside a car exposed to summer sun). Never dispose of the scooter in fire, as this may cause battery damage, overheating, or even fire.

9. When used at normal temperatures, the battery pack can deliver higher range and performance; if used below 32°F (0°C), battery life and performance will decrease.

10. If not used for an extended period, first fully charge the battery, store it in a cool, dry place, and recharge it every 30 days.
11. Improper disposal of waste batteries may seriously pollute the environment. Please follow local regulations when disposing of the battery pack. To protect the natural environment, do not discard battery packs indiscriminately.

Environmental Protection

This product contains a battery and recyclable electronic components. The built-in rechargeable battery may contain substances harmful to the environment. When disposing of this product, please do not discard it with ordinary household waste. It should be taken to a designated electronic waste collection point in accordance with local regulations. This helps protect the environment.

After-Sales Service

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

- If a problem occurs within 1 month of ownership, the user may choose to replace the electric scooter.
- If a problem occurs within 12 months of ownership, the user is eligible for the standard 1-year parts warranty.

Note:

It is recommended that you keep the original packaging for at least 1 month from the date of receiving the product.

Non-Warranty Terms

The warranty service will not apply under the following circumstances:

Absence of proof of warranty or expiration of the warranty period.

Damage resulting from failure to use, maintain, or store the product in accordance with the instruction manual.

Damage caused by unauthorized disassembly or repair.

Damage due to excessive use or application of excessive force.

Natural wear and tear or fading from normal use.

Warranty Coverage

Main Components:	Frame, Hub Motor, Auxiliary Hub, Handlebar, Body Cover, Fork Cover, Folding Mechanism, Stem Kit, Mechanical Brake Cable
Accessories:	Battery, Charger, Thumb Throttle, Headlight, Taillight, Turn Signals, Brake Lever, Dashboard, Controller
Decorative/ Auxiliary Parts:	Handlebar Grips, Front/Rear Tires, Front Fender, Rear Fender, Reflective Warning Stickers, Kickstand, Rubber Plugs, Undercarriage Cover, Side Decorative Covers, Bell, Meter Cover, Hook

User Information Stub

User Information (Please provide accurate information. User information is solely for after-sales warranty service).

User Name: _____

Phone Number: _____

Email: _____

Postal Code: _____

Address: _____

Product Information

Product Name: _____

Model: _____

Serial Number: _____

Color: _____

Manufacturing Date: _____

Service Type: _____

☐ Replacement

☐ Repair

☐ Return

Fault Description: _____

Technician Signature: _____

Date Received: _____

Manufacturer Information

User Information (Please fill in authentic details. User information will be used solely for after-sales warranty services)

Full Name: _____

Phone Number: _____

Email: _____

Postal Code: _____

Address: _____

Product Information

Product Name: _____

Model: _____

Serial Number: _____

Color: _____

Manufacture Date: _____

Service Type

☐ Replacement

☐ Repair

☐ Return

Fault Description: _____

Technician Signature: _____

Date Received: _____

Fault Codes

Code	Fault Description	Solution	Affected Part
00	Undervoltage, Low Battery Level	Please charge in time	Battery
01	Overvoltage protection activated. High battery temperature.	Unplug the charger	Battery
02	Controller Failure	Controller needs replacement	Controller
03	MOSTube Failure	Check the connecting cable between the controller and the display. If the connection is normal but the fault persists, contact the manufacturer.	Controller
04	Hardware Communication Failure	Check the connecting cable between the controller and the display. If the connection is normal but the fault persists, contact the manufacturer.	Controller / Display
05	Hall Sensor Circuit Break	Check the wires between the controller and the motor. If the connection is normal but the fault persists, replace the motor.	Motor
06	Accelerator Failure	Check the accelerator shift connection cable. If the connection is normal and the fault is resolved, no further action is needed; if not, replace the shift assembly.	Accelerator
07	Brake Lever Failure	Check the brake lever connection cable. If the connection is normal and the fault is resolved, no further action is needed; if not, replace the brake lever.	Brake Lever
08	OCP Protection	Power off for 5 minutes, then restart to confirm if the fault lies with the controller.	Controller
09	Motor Failure	Power off for 5 minutes, then restart to confirm if the fault lies with the motor.	Motor
10	Controller and Battery Connection Error	Check the communication cable connection between the controller and the battery.	Controller and Battery



This device's user manual must include the following statements:

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

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.

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.

FCC RF Radiation Exposure Statement

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

ISED Canada Statement

This device complies with Industry Canada's license-exempt RSS standard(s).

Operation is subject to the following two conditions:

- (1) This device may not cause interference, and
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

The digital apparatus complies with Canadian CANICES-3(B)/NMB-3(B).

RF Exposure Statement:

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with minimum distance 0 mm between the radiator and your body.

Electric Scooter Maintenance Schedule (Recommended):

Regular maintenance of your electric vehicle helps keep it in clean and good condition, avoids safety hazards, reduces malfunctions, slows down wear and tear, and extends the vehicle's service life.

Manufacturer: SINO MEGWELL TECH INC

Address: 20153 PASEO DEL PRADO WALNUT, CA 91789

Item	Service Object	Action	Monthly	Every 3 Months	Every 6 Months / 500 km	Every 1 Year / 1000 km	Every 2 Years / 2000 km
Tires	Tire Pressure	Inflate the tire until its pressure reaches 40–45 psi.	✓	✓	✓	✓	✓
	Tire Tread Wear	Check tires for cracks, deformation, wear, etc.	/	/	✓	✓	✓
Screws	Handlebar Assembly Screws	Tighten the screws connecting the stem assembly and the handlebar assembly (Recommended torque: 3.5 ± 0.2 N·m)	/	✓	✓	✓	✓
		Tighten the throttle screw (Recommended torque: 1.8 ± 0.1 N·m)	/	/	/	✓	✓
		Tighten the brake lever screw (Recommended torque: 3.5 ± 0.2 N·m)	/	/	/	✓	✓
Function	Steering	Turn the handlebar 60° to the left and right to ensure the steering angle is correct and steering is without resistance or sticking.	/	/	/	✓	✓
Critical Component	Battery Assembly	Before long periods of not using the E-vehicle, fully charge it and recharge it every 60 days.	/	/	/	/	✓

AOTOS APP

Scan the QR code below with your mobile phone or search for "AOTOS" in the APP market, download and install the APP.

i If the APP has already been downloaded on your mobile phone, please upgrade the APP to the latest version.



STEP 1



Search or scan to download AOTOS APP, Open the APP. For the first use, please register / log in to your account according to the APP guide and select [Allow all permissions].

STEP 2



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

STEP 3



Enter on APP homepage, select "Search for binding". The APP will scan the scooter to be configured with "AOTOS" and add the device, click "bind" and then name your scooter.

When the scooter is connected to the APP, locking and unlocking operations are performed through the APP. When locked, the display shows a Bluetooth icon and displays a "🔒" code indicating parking mode. If the scooter is moved after locking, it triggers an alarm with rapid flashing of the rear light for anti-theft purposes. Unlocking removes the Bluetooth icon and "🔒" code, restoring normal functionality.