User Manual

V1.0.1

Smart Robot Vacuum Cleaner Series

Safety Precautions

Usage Restrictions

- Plastic bags can be dangerous. Keep them away from infants and children to avoid the risk of suffocation.
- This product is only meant to clean floors in a home environment. Do not use it outdoors (such as in an open balcony), on other non-floor surfaces (such as sofas), or in commercial or industrial settings.
- Do not use the product in a suspended environment (such as duplex buildings, open balconies, or on top of furniture) without guard rails.
- Do not use the product in temperatures higher than 40℃ (104 ℉) or lower than 0℃ (32℉). Do not use the product if there is liquid or viscous substances on the floor.
- Ensure that cables are kept off the floor before using the device to prevent cables from being dragged around when the device is working.
- Keep all fragile and miscellaneous items (such as vases or plastic bags) that are not on the floor to avoid obstruction of or collision with the device while it is working, which may result in damage of valuable items.
- Do not allow people with impaired physical, sensing or mental abilities, or people with insufficient experience and knowledge (including children) to use this product without guidance or supervision.
- Do not allow infants or children to use this product as a toy.
- Do not place the main brush cleaning tool within reach of children.
- Do not allow any body parts of humans or animals, including hair, fur, fingers, etc., to come close to the vacuum inlet of the device when the device is working.
- Do not use the product to clean flammable objects (such as lit cigarette butts).
- Do not use the device to vacuum hard or sharp objects (such as waste materials from renovation, glass, or nails).
- Do not use the cover of the laser range sensor, the top cover of the device, or the collision buffer device as carry handles for transporting the robot.
- Before cleaning and maintaining the device and charging dock, turn the device off and unplug it from the socket to disconnect the power supply. Do not submerge the device or the charging dock in water or rinse them with water to clean them.
- Do not use a wet cloth or any liquid to wipe any part of this product.
- Do not use the mop module in a carpeted environment.
- Follow the instructions in the manual when using this product. The user is responsible for any loss or damage caused by improper use.

Battery and Charging

- Burning the device is prohibited even if the product has been severely damaged, as doing so may cause explosions.
- Do not use any third-party batteries, chargers, or charging docks.
- Do not disassemble, repair, or modify batteries and charging docks.

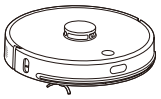
Battery and Charging

- Do not place the device near heat sources, such as radiators.
- Do not wipe or clean the charging dock clips with a damp cloth or wet hands.
- Do not dispose of batteries with your regular trash. Batteries should be disposed of by professional recycling agencies.
- If the power cord is damaged, it must be replaced by professionals from the manufacturer, the manufacturer's service department, or a similar department to avoid danger.
- If the product must be transported, ensure the device is turned off. It is recommended that you use the original box packaging to transport the product.
- Do not pour water into the device or submerge it in water.
- If you are not using the device for a while, charge it fully, turn off the device, and place it in a cool, dry area. Charge the device at least once every three months to avoid damage to the battery.
- Use proper tools when removing the battery. First, remove the screws from the bottom cover. Then, open the bottom cover and unplug the battery from the terminal. Finally, remove the battery from the battery holder.
- The battery must be removed from the device before discarding the device.
- The device must be powered off before removing the battery.

Class 1 laser product. The laser radar in this product conforms to the GB 7247.1-2012/IEC 60825-1:2014 safety standards for Class 1 lasers, and will not produce laser radiation harmful to the human body.

Package Contents

- Diagrams of products, accessories, user interfaces, and other items in the manual are schematic diagrams and are for reference only.
- The actual product may differ slightly from diagrams in the manual due to product updates and upgrades.
- The actual product shall prevail in case of any discrepancies.



Robot



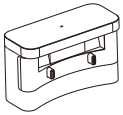
Power Adapter



Side Brush



Cleaning Knife (1 pc)



Charging Dock



Mop Holder

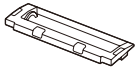


Washable Mop Cloth

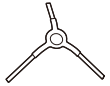
Accessories Installed on the Robot



Main Brush



Main Brush Cover



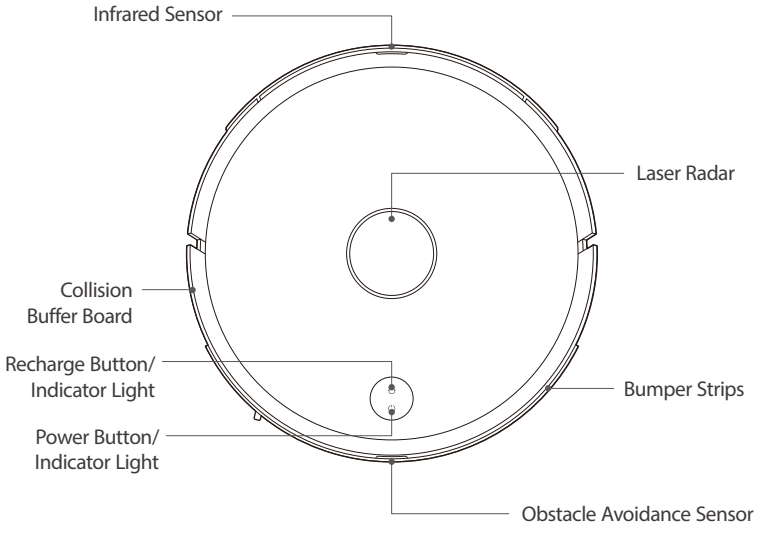
Side Brush



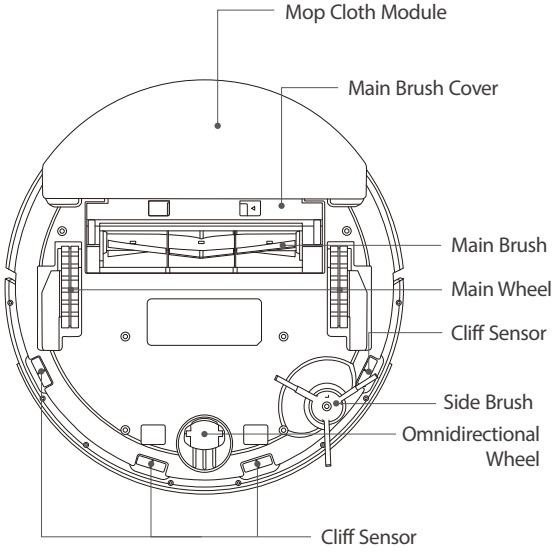
Two-in-one Water Tank

Overview

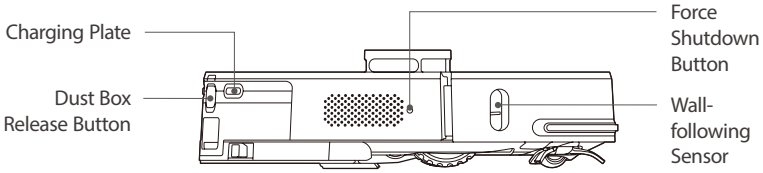
Robot Top View

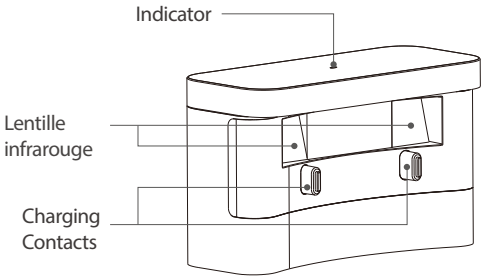


Robot Bottom View

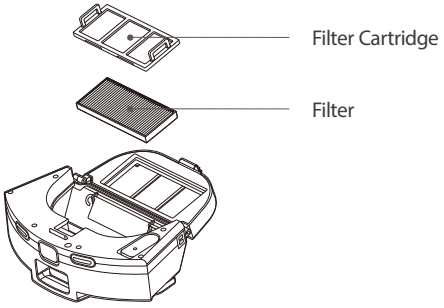


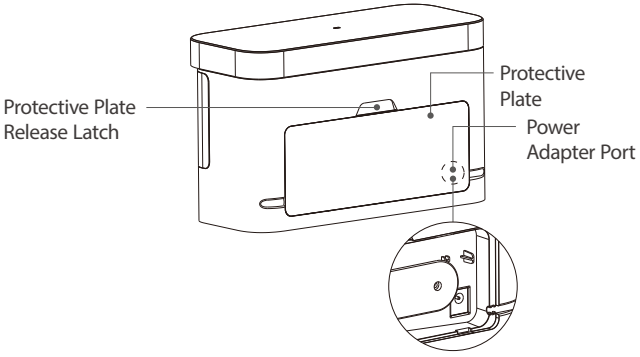
Charging Dock



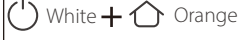


Dust Box

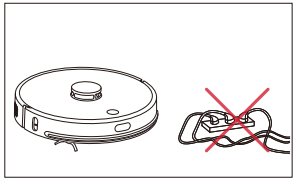




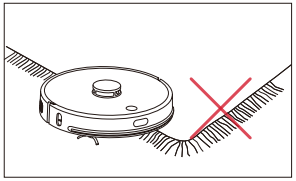
LED Indicator Patterns

LED Status			Device Status
	White	Solid on	The robot is standby / cleaning
		Breath	The robot is charging / turning on
		Flashes slowly	Cleaning is paused
		Flashes fast to off	The robot is turning off
	Red	Flashes fast	The robot malfunctions
	Orange	Solid on	The robot is recharging
		Flashes fast	Connecting to the Wi-Fi network
		Flashes slowly	Waiting for Wi-Fi connection
		Breath	Low battery level
 White + Orange		Flashes fast	OTA updating / changing vioce prompt language
		Flashes fast to off	Reset to the factory mode

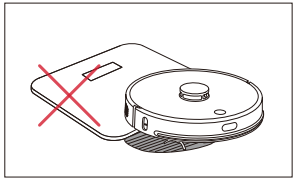
Notes Before Use



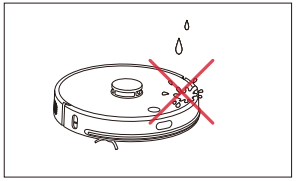
Tidy up the plugs and power cords that could entangle the robot.



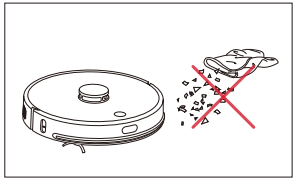
Fold the carpet tasseled edges under to improve the cleaning efficiency.



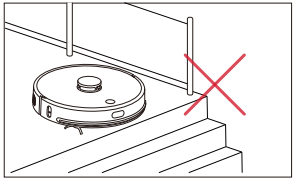
Put the weight scales out of the area to be cleaned.



Do not use the robot on wet surfaces or floor with standing water.



Put away the mops or pieces of paper on the floor.



Do not start cleaning from the edge of stairs or a drop to avoid the robot from falling over.

Preparations Before Use

Imou Life App

To enjoy all available features, it is recommended to control the device on the Imou Life app.

- Please make sure that your mobile phone is connected to a **2.4 Ghz** Wi-Fi network.
- Ensure that the Wi-Fi password does not include **“”** or **spaces**.

Scan the QR code below or search for the “Imou Life” app in the App Store to download and install the app. After completing the app installation, please open the app, click on **“+”** in the top right corner of the home page, and scan the QR code on the bottom of the device or on the package box. Follow the directions to add the device.

Download on the App Store

GET IT ON Google Play

Restoring to Factory Settings

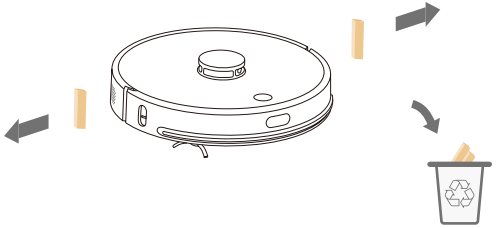
If your robot cannot connect to the app successfully, reset the Wi-Fi and add the device again.

Press and hold and simultaneously for 5 seconds. When indicator light flashes white and indicator light flashes orange to off, the device will restart within 30 seconds. Then you will hear the voice prompt "Wi-Fi has been reset" and the device will be waiting for a network connection. Then follow the directions in the app to add the device.

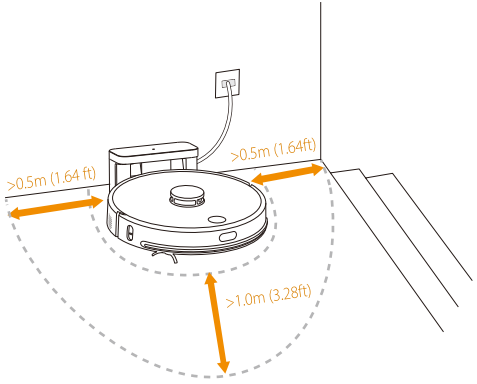
Installation and Use/Preparation

1 Remove protective strips

Place the robot on a level ground and remove the protective materials.

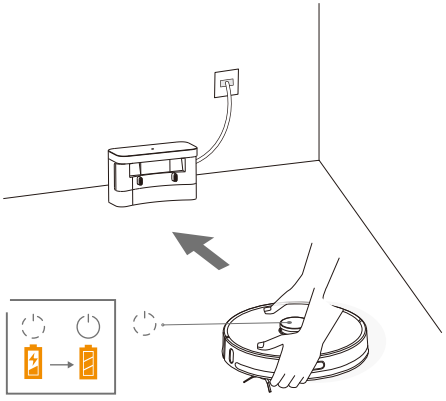


2 Install the charging dock



3 Charging the robot

Press and hold ⏻ for 3 seconds to start the robot.
Then, press ⌂ to recall the robot to the dock for charging.
The robot will enter standby mode after it is fully charged.



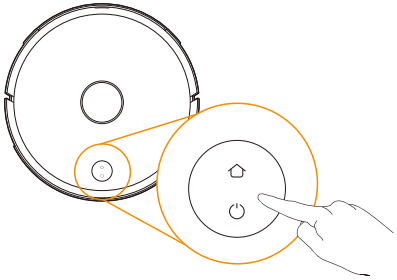
Installation and Use/Cleaning

1 Cleaning

- Tap ⏻ to start Auto cleaning;
- Press and hold ⌂ for 3 seconds to start Spot cleaning.

2 Pause cleaning

When the robot is cleaning, tap ⏻ or ⌂ to pause the cleaning.



3 Automatic recharge/Manual recharge

- The robot will automatically return to the dock to charge if there is insufficient power while cleaning. The robot will also return to the dock to charge after cleaning is completed.
- When the robot is cleaning, press ⏻ or ⌂ to pause the robot, and then press ⌂ to recall the robot to the dust collection charging dock for charging.

4 Standby/Sleep Mode

When the robot is fully charged and securely docked, press and hold the ⌂ button for 3 seconds to enable low-power standby mode.

ⓘ The mode will be automatically disabled if the robot's battery level drops below 90% or if it begins a cleaning task.

5 Turn off

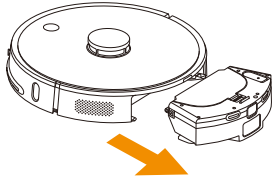
When the robot is stationary, press and hold ⏻ for 3 seconds to turn the device off. The power indicator light will fast flash white for 5 seconds before it turns off.

ⓘ The robot cannot be powered off and cannot enter sleep mode while charging.

Installation and Use/Mopping

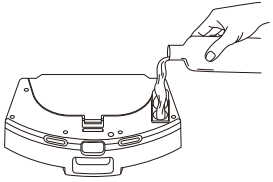
1 Remove the two-in-one water tank

Press the Dust Box Release button to remove the two-in-one water tank.

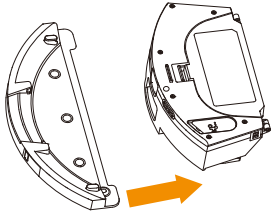


2 Add water

It is recommended that you use purified water.



3 Install the mop holder



4 Mop

- Press to start Auto mopping;
- Press for 3 seconds to start Spot mopping.

Regular Maintenance

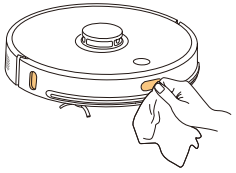
To keep the device at best performance, please refer to the following maintenance frequencies.

Please use a soft and clean cloth to wipe the parts, and avoid using any detergents or cleaning sprays.

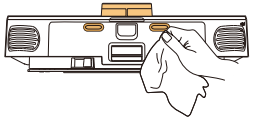
Parts	Maintenance	Replacement
Cliff Sensor	Once per month	/
Infrared Sensor	Once per month	/
Wall-following Sensor	Once per month	/
Laser Radar Sensor	Once per month	/
Charging Plates	Once per month	/
Main Brush	After each cleaning	After 240 hours of cleaning
Side Brushes	When necessary	After 150 hours of cleaning
Mopping Cloth	After each mopping	After 180 hours of cleaning
Dust Box	When necessary	/
Filter	Once per month	After 150 hours of cleaning

Clean Sensors

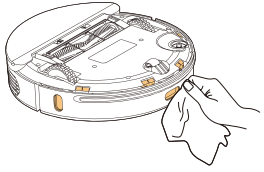
Wall-following Sensor



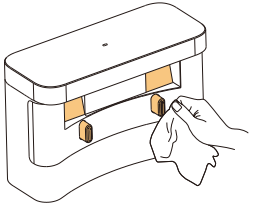
Infrared Sensor
Charging Plate



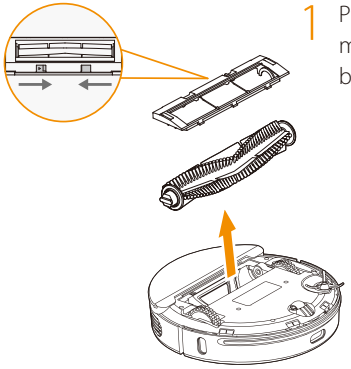
Cliff Sensor



Infrared Lens
Charging Contacts

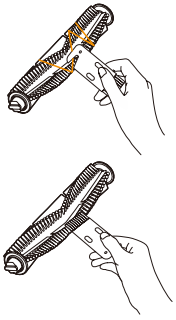


Clean the Main Brush



1 Press the catch on the cover of the main brush. Then, remove the main brush cover and the main brush.

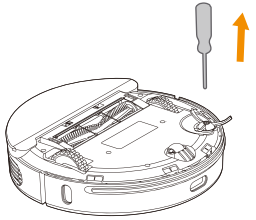
2 Cut entangled hairs and fur on the main brush using the small cleaning knife. Use the cleaning brush on the other end of the cleaning knife to clean the main brush.



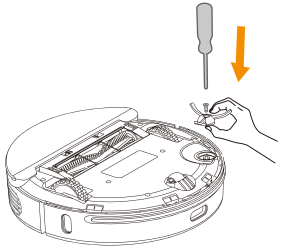
3 Reinstall the main brush and main brush cover. Press to fasten the catch.

Clean/Replace the Side Brush

1 Remove the screws of the side brush with a screwdriver. Then, remove the side brush.

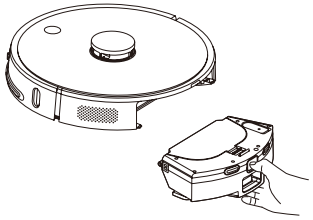


2 Replace the side brush after cleaning, or install a new side brush.

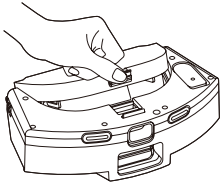


Cleaning the Two-in-one Water Tank

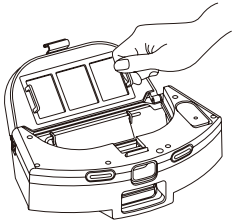
1 Press and hold the two-in-one water tank release button, and pull the water tank out.



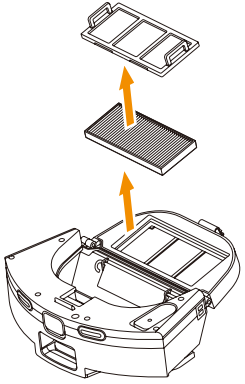
2 Pull the dust box catch to open the dust box.



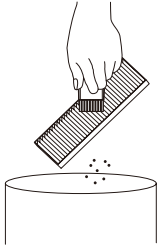
3 Remove the filter cartridge.



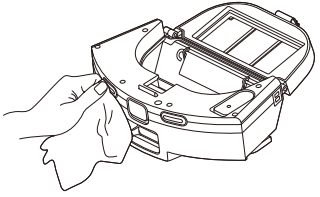
4 Remove the filter.



5 Use the cleaning brush to clean the filter and any debris on the filter cartridge.

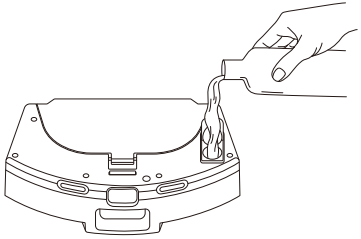


6 Use a dry cloth to clean the dust box. After the cleaning, wipe the dust box and dry the cloth.

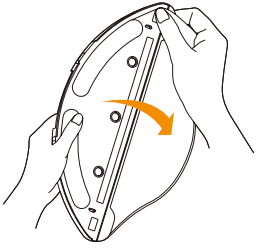


7 Open the water tank cover and add an appropriate amount of water.

It is recommended that you use purified water.



8 Turn the two-in-one water tank upside down, and remove the mop cloth for replacement or cleaning.



- Mopping will be less effective if the mop cloth is too dirty. Do clean the mop cloth in a timely manner.
- Always remove the mop cloth, clean it, and wring it dry before re-installing it and using it. Do not install it on the two-in-one water tank to clean it, or the reverse flow of dirty water will clog the filter element.
- After cleaning the inside of the dust box, ensure that the inside of the dust box is dry and free from water stains. Otherwise, the dust collection charging dock will be damaged.
- If there are water stains on the filter and filter cartridge, ensure that they are dry before use. Otherwise, the dust collection charging dock will be damaged.

Battery Maintenance

- The robot has an internal high-performance lithium-ion battery pack. Keep the device charged on a day-to-day basis to maintain battery performance.
- If you are not using the device for a while, turn it off before storing it. Charge the device at least once every three months to avoid damage to the battery.
- It is recommended to change the battery after approximately 800 hours of cleaning to ensure an optimal performance.

Troubleshooting

When an abnormality occurs while the device is running, the power indicator light will flash red quickly. There will be voice prompts for some abnormalities. Refer to the table below for possible solutions.

Voice Prompts/ Fault Description	Possible Reason	Solutions
Check if the radar is stuck	Laser radar is blocked or stuck	Remove obstacles, or move the device to a flat and open area, and restart it.
Check if the bumpers are stuck	Collision sensor is stuck	Clean and remove any foreign debris around the bumpers, or move the device.
Clean the cliff sensor. Then, start the unit after removing it from the danger area.	Cliff sensor is triggered after starting the device	Remove and clean the cliff sensor. Then, move it to a flat and open area before starting it.
Check if the main brush is stuck	Main brush is stuck	Clean the main brush or move the device.
Check if the side brush is stuck	Side brush is stuck	Clean the side brush or move the device.
Check if the main wheel is stuck	Main wheel is stuck	Clean the main wheel or remove the device.
Put back the water tank before restarting the device	Two-in-one water tank is removed	Install back the two-in-one water tank and filter while ensuring that they are installed in the right place.
The battery is insufficient. Start recalling the device to the dock for charging.	Battery is insufficient while cleaning	The battery is insufficient. Charge the device before use.
Fan is abnormal	Fan is abnormal	Ensure that the air ducts, filter, and other relevant parts of the device are dry and free from water stains before attempting to turn off and restart the device.
Wipe the wall-following sensor on the right side	Wall-following sensor is abnormal	Wipe clean the wall-following sensor.
Pressure on the top cover of the laser radar	Top cover on the radar is stuck	The laser radar is stuck or under pressure. Move the device to a new position and restart it.

Troubleshooting

Voice Prompts/ Fault Description	Possible Reason	Solutions
Battery is damaged or has not been properly installed	Battery is abnormal while charging	The battery temperature is too high or too low. Wait until the battery temperature is normal before using it.
Unable to turn on	Battery level is low or ambient temperature is abnormal.	The battery is insufficient. Charge the device before use. If the ambient temperature is too low (below 0℃) or too high (above 50℃), use the device in temperatures between 0℃ and 40℃.
Unable to charge the device	1. The charging dock unelectrified. 2. Dirty charging sensor. 3. Poor contact with the charging sensor.	1. Ensure that there is power flowing to the power cord of the charging dock. 2. Clean the charging plates of the device and the charging sensor head of the charging dock on a regular basis. 3. Exclude the possibility of poor contact caused by the side brush or other foreign objects. Try manually helping the robot back to the charging dock.
Unable to return to charging dock to charge. Unable to locate the dust collection charging dock.	The charging dock is blocked or too far away.	Place the dust collection charging dock in an open space. Place the device near the charging dock and try again.
Errors occur while cleaning	The main/side brush, or the main brush is entangled with foreign objects.	Clean the robot from foreign objects.
Decreased cleaning ability or dust falling out of the device	The dust box is full, the filter is blocked, or the main brush is entangled.	Clean the dust box, filter, and main brush in a timely manner.
Unavailable scheduled cleaning mode	The battery is insufficient.	The device will start the scheduled cleaning mode only when the remaining battery is more than 15%. So, keep the device charged all day.
Unable to connect to the app	The Wi-Fi network is abnormal, the Wi-Fi password is wrong, or the app is abnormal.	Ensure that the device is in an area with good Wi-Fi coverage. Re-enter the Wi-Fi password or reset the robot. Update the app and try again.

Troubleshooting

Voice Prompts/ Fault Description	Possible Reason	Solutions
No or little water discharged from the mop module	The water tank is out of water, the mop cloth is too dirty, or the mop holder is not installed in the right place.	Check if there is water in the tank. Wash the mop cloth. Install the mop cloth correctly according to the manuals. Check if the drain hole is clogged with foreign objects and pay attention to adding clean water without impurities.
Too much water discharged from the mop module	The cover of the water tank is not put in place or the water discharge is set to maximum.	Ensure that the cover of the water tank is installed in the right place. Adjust the right amount of water in the app. Fill the water tank and let it sit for a while to check if there is any breakage or leakage.
Insufficient battery during cleaning; device recharged but does not resume cleaning	The device is in “Do Not Disturb” mode or manually recharged to end the cleaning cycle.	Check on the app to ensure that the device is not in "Do Not Disturb" mode. Cleaning will not resume in this mode. The robot will not resume cleaning if you manually charge the unit or manually place the unit back in the dust collection charging dock.
Does not return to the charging dock after area cleaning or after being moved.	The device regenerates the map or the charging dock is too far away.	The device will regenerate the map after area cleaning or being removed far away. If the charging dock is too far away, the device may not be able to automatically return to the dock for charging, and you need to manually put the device back to the dock for charging.