

# ROBOT VACUUM CLEANER

USER'S GUIDE

## S6 Series Laser Navigation

Clean • so Excellent

Please read this instruction carefully before use and keep it well

# Let's start the ease live

Thanks for choosing our Robot Vacuum Cleaner!

Our robot vacuum cleaner is a smart & intelligent robotic cleaner, which combined path planning, Vacuum+Sweep+MOP all-in-1, it has professional robotic AI chip & Simultaneous Localization And Mapping technology, can build an accurate live map and offering precise navigation for your house, the laser navigation & mapping technology, will offer you a organized & high cleaning coverage rate, Hi-speed sense and high efficiency working way to you. It can also applied to different complex environment for different house, will auto re-charge when the battery power lower than 20%, automatically at whole working period, free you from the cleaning work!

Science and Technology changes our life, from now on, your family and you will free from the boring floor cleaning work, have more time to enjoy your beautiful & ease life!

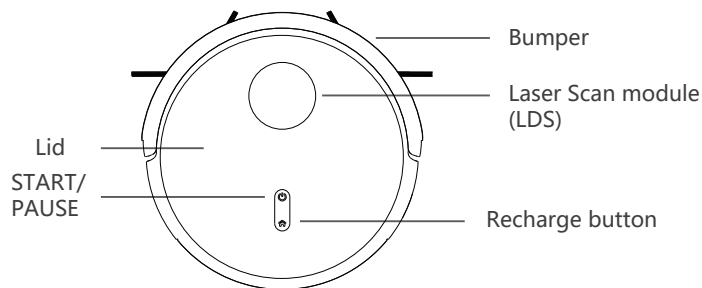
Enjoy it now!

# CONTENTS

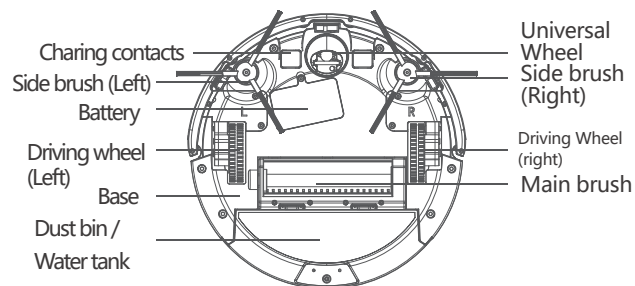
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# COMPONENTS

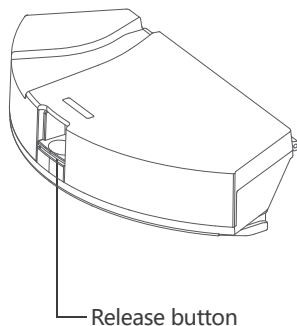
## TOP-SIDE VIEW



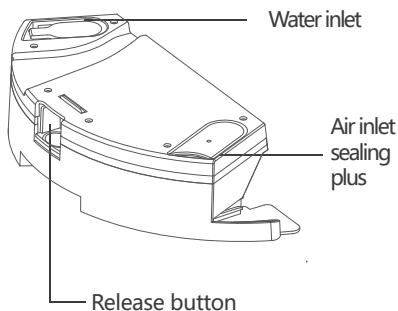
## BOTTOM-SIDE VIEW



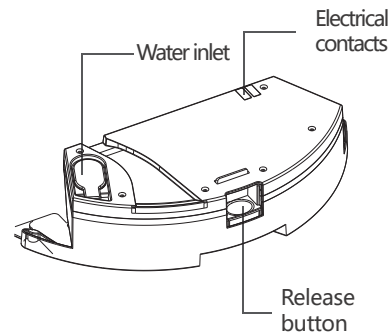
## Dust Bin



## Standard air-presure water tank

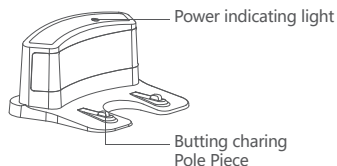


## Electrical control water tank

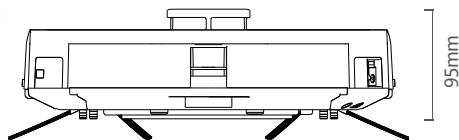


# COMPONENTS

## Charing Dock



## Overall Height

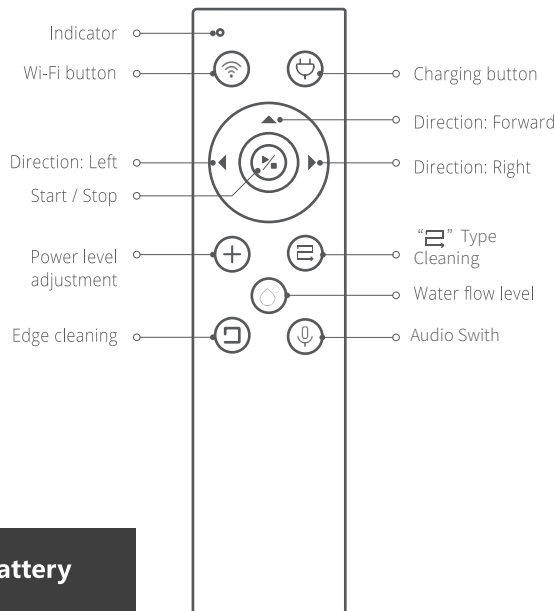


## Remote control operation

Please use 2 pcs AAA batteries in the remote controller, and trun the Power switch to the ON position.

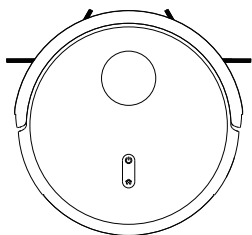
- 1) Press " " button to active WiFi
- 2) Press " " button, robot go to charing dock to recharge
- 3) Press " " Start/Pause Button to start cleaning, press again, robot will stopped (Pause )
- 4) Press " " go Forward, " " to Left, " " to Right, robot will go to the setting direction.
- 6) Press " + " button to adjust the suction power level
- 7) Press " " button to mini room mode, robot move as " " shape.
- 8) Press " " button to adjust water flow level ( For Electrical control water tank only)
- 9) Press " " button to wall follow mode, robot move along a border ( e.g. wall, furniture edge...)
- 10) Press " " button to turn on / turn off audio notice, and switch into different language (Optional)

## Remote controller

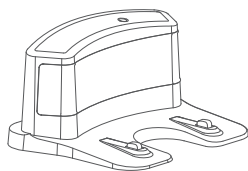


**2PCS of AAA Battery**

# PACKING LIST



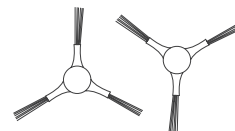
ROBOT



CHARGE DOCK



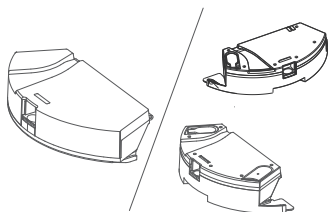
USER GUIDE



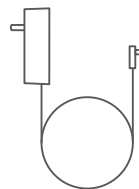
SIDE BRUSH



CLEANING TOOL



DUST BIN & WATER TANK  
Standard Water Tank or  
Electrical Control WaterTank  
(Optional)



ADAPTER



REMOTE  
CONTROLLER

# SAFETY INSTRUCTION

- The product should not be used by children under 8 years old or persons with reduced physical or mentally disabled alone. Please be sure it's under the instruction and supervision of the guardian if they need to use the product. Children and pets shall not ride on or play with the product.
- Do not use this device on an unfinished, unsealed, waxed or rough floor. It may result in damage to the floor and this device. Use only on hard floor surfaces or low pile carpet.
- If the room to be cleaned has a balcony or stairs, a physical barrier should be used to prevent access to the balcony or stairs and to ensure safe operation.
- Do not use the Robot Vacuum in an environment above 113°F or below 32°F.
- Do not use the Robot Vacuum around the fire or fragile objects.
- Do not use the Robot Vacuum to pick up any flaming objects (such as lit cigarette butts).
- Do not use the Robot Vacuum on a wet or sticky floor.
- Do not put your hair, clothes or any part of your body close to the running parts of the Robot Vacuum when the

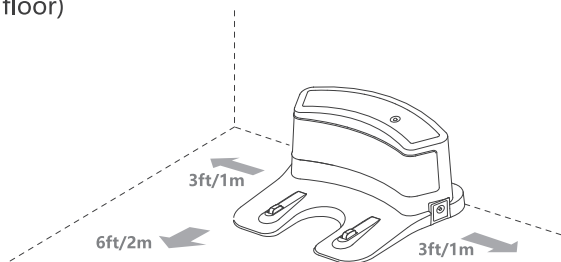
Robot Vacuum is working.

- Do not let the Robot Vacuum pick up objects in a big size that may block the suction port. When the suction port is blocked, please clean it in time to ensure smooth air circulation at the suction port.
- Do not block the suction port, please clean the dust, cotton wool, hair, etc. at the suction port in time and ensure air circulation at the suction port.
- Do not use the Robot Vacuum to pick up any sharp objects (such as glass, nails, etc.).
- Do not use a damaged charging dock. If the charging dock is damaged, it must be repaired by a professional or changed into a new one in order to avoid any danger.
- Please follow the instructions in the manual. The responsibility for any loss or injury caused by improper use of the user will be on the user side.

# OPERATING INSTRUCTION

## Place the Charging Dock

Place the charging dock on a hard, level surface and against a wall. Remove objects within 3 ft/1 m of the left and right side and within 6 ft/2 m of the front of the charging base. Plug one end of the adapter into the power socket on the Charging Dock and the other end into a wall outlet, and please make sure the the LED indicator on the Charging Dock is Lit. (please do not place the power cord on the floor)



### Note:

1. Please avoid direct sunlight on the charging dock.
2. When there is a highly reflective item around the charging base, please remove or cover its bottom of 10cm.
3. It is recommended to place the charging dock in a fixed position, and do not move the charger during the cleaning, or the robot vacuum will not be able to find the charging dock for charging.

### Remark:

- 1) Please make sure the charging dock well connected with the power, and keep it on to avoid the robot unable to find the dock
- 2) Please let the robot start cleaning from the dock, to help the robot memory the way back to the dock. (Otherwise, the robot will costly more time to find the dock.)
- 3) In the first time use the robot, please use out the battery power, and then full charge the battery over 5 hours to extend the battery life.
- 4) Under MOP mode, robot will not active auto-recharge, can not back to the dock automatic, and do not suggest to charge on the dock to avoid short-cut, please do use adapter to charge the robot directly.
- 5) Please do not insert anything between the dock and floor
- 6) Please use original adapter only.

### Charing button status:

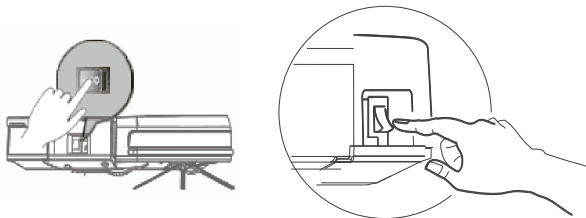
| Charging                     | Robot  button status |
|------------------------------|-------------------------------------------------------------------------------------------------------|
| Low battery/Back to the Dock | Red light                                                                                             |
| Charging                     | Breathing red light                                                                                   |
| Finished Charing             | Green light                                                                                           |

(Tips: It is normal that the Robot does not react when pressing the power switch during charging. And robot will only react the  button during charging, other buttons will show up "Invalid Button" notice. )

# OPERATION INSTRUCTION

## Power On/ Pause/ Power Off

- 1) Turn on the power switch on the side of the Robot Vacuum. "I" means power on, "O" means power off



**Note:** After being turned on, the machine needs a few seconds to activate its system, you will hear a voice prompt " (System is booting please wait) " in around 15s, and then the starting music, you are able to operate the robot vacuum now.

- 2) Press the power button "⏻" on the surface of Robot Vacuum to start cleaning. (The robot vacuum will be in "🌀" cleaning mode)
- 3) Press the power button "⏻" again to stop cleaning (the Robot Vacuum stays in standby modes )
- 4) The Robot Vacuum will enter standby sleeping mode if it is not used after leaving the charging dock. If the Robot Vacuum will not be used for a long time, please turn off the power switch.

## Cleaning mode



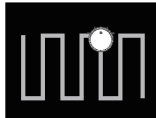
### Auto-cleaning mode (default mode)

This is the most frequently used mode. When in auto-cleaning mode, the robot describes a zigzag pattern during cleaning and changes direction when it encounters an obstacle.



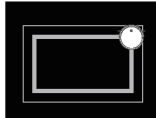
### Spot cleaning mode

This mode is selected to deal with a lot of dirt or dust in one place. When in spot cleaning mode, the robot describes a spiralling pattern around a particular area it has been instructed to clean.



### Zigzag smart cleaning mode

This mode is selected to deal with a lot of dirt or dust in a small area. The robot describes a zigzag pattern with a width of 1 metre to ensure thorough cleaning.



### Edge cleaning mode

This mode is selected to clean the edges and corners of a room. When in edge cleaning mode, the robot cleans along an edge (e.g. a wall). The robot automatically returns to default mode once it has cleaned all areas.



### Schedule for cleaning mode

This mode is used to define an automatic cleaning schedule. It is defined using the smartphone app (note: the default cleaning mode for scheduled cleaning is AUTO cleaning mode).

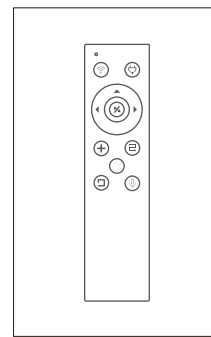
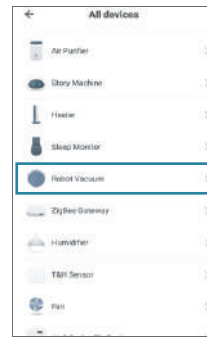
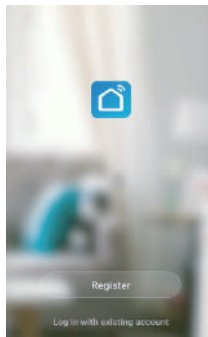
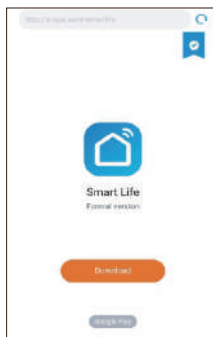
## NOTE:

please shut off the power switch when robot will not in use for a long time, and charge the battery at least one time a month to avoid battery run out of power and can not use any more.

# OPERATING INSTRUCTION



Note: Please keep your mobile phone connect with Wi-Fi



1) Please scan the above QR code to download the APP

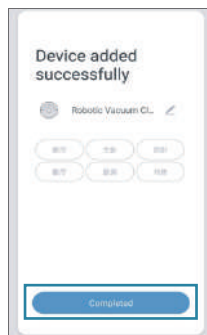
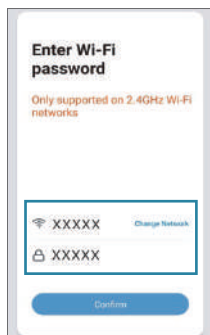
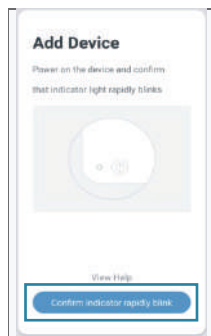
Or Search "Smart Life" in Google play or Apple store / APP store to download the APP

2) Register & Log in the APP

3) Click "Add Device" then select "All Device" at top-right side of the APP window

4) Find "Robot Vacuum" in the list and select it

5) Turn on your robot, press the "Wi-Fi" button on remote controller about 5 seconds, until beep sound show up



6) The indicator light will keep blinking when enter Wi-Fi setting. Click "Confirm Indicator rapidly blink"

7) Fill in your home Wi-Fi name and password (Make sure that is correct Wi-Fi name and password)

8) Click "Complete" after robot is added successfully

## APP INSTRUCTION

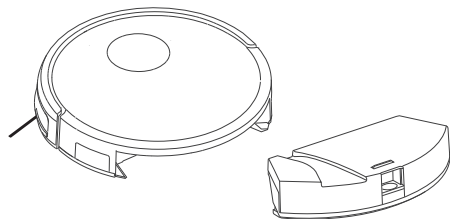
Note:

- 1) The APP only apply to the models with Wi-Fi function.
- 2) The APP only support on 2.4 GHz Wi-Fi network

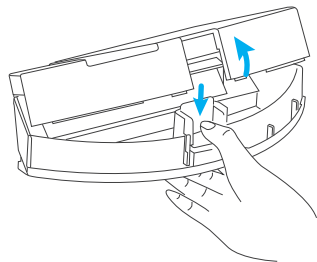
# MAINTENANCE

We recommend that the dust bin and filter should be cleaned in time after each use of the Robot Vacuum.

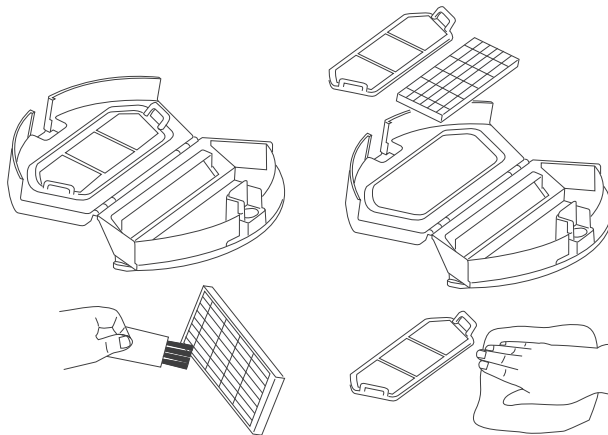
## Cleaning dust bin and filter



**Step 1:** Press the release button to remove bin



**Step 2:** Open bin door to empty bin



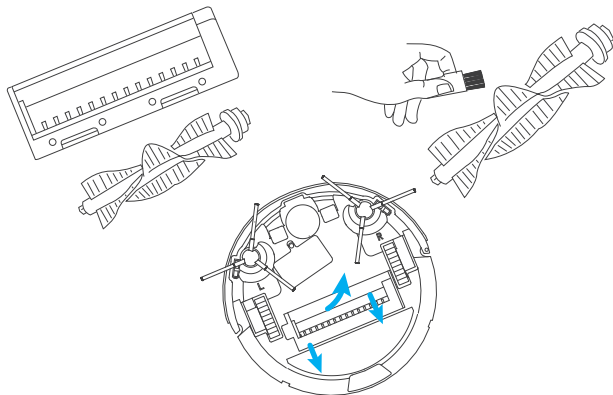
**Step 3:** Take out the sponge filter and high-performance filter, and clean them with brushes or cleaning cloth.

### Tips:

1. The lifespan for the filter is about 24 months, and it is recommended to wash it once every 15-30 days.
2. After washing, please dry it in a cool and ventilated place. It should not be squeezed or exposed to the sun.

# MAINTENANCE

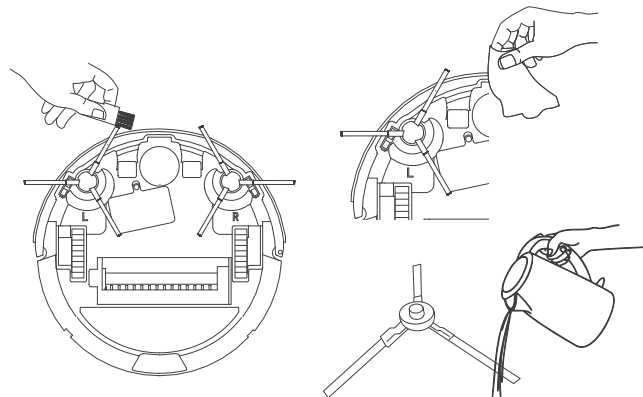
## Cleaning the rolling brush



**Step 1:** Place the robot vacuum upside down, and pull on the release tabs to unlock the brush guard as shown. Lift the rolling brush to remove. Clean the rolling brush with the provided cleaning tool or a vacuum cleaner.

**Step 2:** Wash and dry the rolling brush and reinstall the rolling brush by inserting the fixed protruding end first and then clicking into place. Press down to snap the brush guard into place.

## Cleaning side brushes



**Step 1:** Carefully unwind and pull off any hair or string that is wrapped between the main unit and the side brushes.

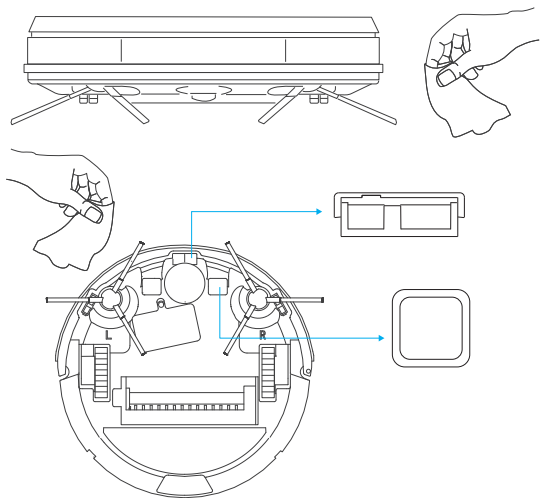
**Step 2:** Use a cloth to remove dust from the brushes.

**Step 3:** If the side brushes is deformed during use, please remove the side brushes and reshape it with hot water.

**Step 4:** If the side brushes are severely damaged, please change a new one.

# MAINTENANCE

## Cleaning sensor and charging contacts

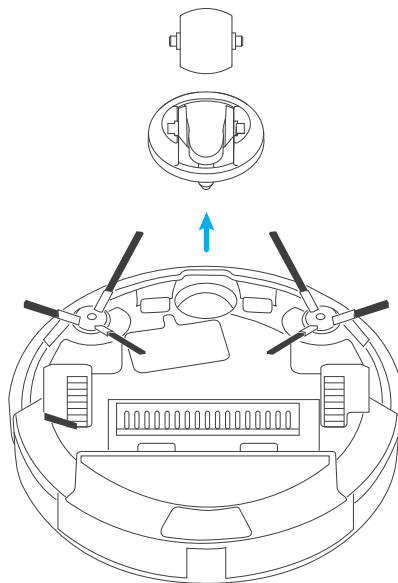


**Step 1:** Clean the anti-drop sensor, suction port and charging contacts on the robot vacuum and charging dock with cleaning tools or dry cloth.

**Note:**

Please do not expose the sensor and charging contacts to any liquid directly

## Cleaning universal wheel



**Step 1:** Turn over the robot vacuum, pull out the universal wheel, re-install it tight after cleaning.

# TROUBLESHOOTING

| TROUBLE TYPES                                      | LIKELY CAUSE                                                                                      | WHAT TO DO                                                                                                                                                                                                                                                                                                  |
|----------------------------------------------------|---------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Failed to connect the Robot Vacuum with APP</b> | Incorrect router username and password                                                            | Configure the router network and make sure that the "username" and "password" of the router are entered correctly                                                                                                                                                                                           |
|                                                    | The Robot Vacuum is not within the network signal coverage of the router                          | Make sure that the Robot Vacuum is in the network signal coverage of the router                                                                                                                                                                                                                             |
|                                                    | If the Robot Vacuum is waiting for configuring network                                            | The network can be configured only when the Robot Vacuum is in the network configuration mode. Please press and hold the recharge button after the Robot Vacuum is powered on, you will hear voice prompt "Network Connecting" , which means that the Robot Vacuum is now in the network configuration mode |
|                                                    | No available 2.4G network                                                                         | Please connect 2.4G network                                                                                                                                                                                                                                                                                 |
| <b>Failed to install APP</b>                       | The mobile phone system is lower than the required system                                         | Mobile phones with IOS9.0 and above and Android 5.0 and above can download and use the App, please upgrade your mobile phone system if it is not included                                                                                                                                                   |
| <b>Failed to charge the robot vacuum</b>           | The charging contacts on the robot vacuum and charging dock are not contacted correctly or fully. | Make sure that the charging contacts on the robot vacuum and charging dock are contacted fully and the LED indicator on the charging dock stays on. Please check if there is dirt covering all the charging contacts and remove it if there is                                                              |
|                                                    | The charging dock is not powered                                                                  | Make sure the charging dock is powered                                                                                                                                                                                                                                                                      |

# TROUBLESHOOTING

| TROUBLE TYPES                                                                    | LIKELY CAUSE                                                                                                                                         | WHAT TO DO                                                                                                                                                                                                                                                                                    |
|----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Failed to go back to charging dock</b>                                        | The charging dock is placed incorrectly                                                                                                              | Place the charging dock on a hard, level surface and against a wall. Remove objects within 3 ft/1 m of the left and right side and within 6 ft/2 m of the front of the charging base. When there are highly reflective items around the charging base, please remove or cover the bottom 10cm |
|                                                                                  | The charging dock is powered off or moved in the middle of working                                                                                   | Check if the charging dock is powered. Do not move the charging dock when the robot vacuum is working.                                                                                                                                                                                        |
|                                                                                  | The robot vacuum failed to go back to charging dock because of being trapped by obstacles on the floor (such as power cord, carpet edge or fan base) | We recommend cleaning the obstacles and power cords before using the robot vacuum to avoid being entangled so that it can recharge successfully.                                                                                                                                              |
|                                                                                  | The robot vacuum had been stopped from working for over 60 minutes or been moved over a distance of 3ft/1m in the middle of working                  | To make sure the robot vacuum works normally, please let it finish cleaning by itself and do not pause or move the robot vacuum if it's not necessary. The pause time should not be longer than 60 minutes and the moving distance should be less than 3ft/1m                                 |
|                                                                                  | The robot vacuum didn't start off from the charging dock                                                                                             | We recommend letting the robot vacuum starting off from the charging dock                                                                                                                                                                                                                     |
| <b>Disordered routes, deviations, repeated cleaning, and small areas missing</b> | Power cords, slippers and other objects placed on the floors affect the performance of the robot vacuum                                              | Remove the obstacles on the floor as much as possible before the robot vacuum starts working. If the missing cleaning area, the robot vacuum will make it up by itself, human interference such as moving the robot vacuum or blocking its route is not recommended                           |

# TROUBLESHOOTING

| TROUBLE TYPES                                                                    | LIKELY CAUSE                                                                                                    | WHAT TO DO                                                                                                                                                                                                                    |
|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Disordered routes, deviations, repeated cleaning, and small areas missing</b> | Use the robot vacuum in dark                                                                                    | Please use the robot vacuum in good light conditions                                                                                                                                                                          |
|                                                                                  | Working on freshly waxed and polished floors results in reduced friction between the drive wheels and the floor | We recommend using the robot vacuum after the floor wax dried fully                                                                                                                                                           |
|                                                                                  | The robot vacuum can not go into specific area because of different house environments                          | We suggest you could follow around the robot vacuum to help it to knows your house better when the robot vacuum cleans your house for the first time.Organize your rooms to make sure the robot vacuum can enter for cleaning |
| <b>The robot vacuum is trapped during working</b>                                | The robot vacuum is trapped or topped by loose power cords, curtain or carpet edges                             | The robot vacuum will try its best to get over with it, please help it if it can not get out of trouble eventually                                                                                                            |
|                                                                                  | The robot vacuum gets stuck under furniture which leaves a space as thin as the body of the robot vacuum        | We recommend you could enlarge the space under furniture or block the space directly                                                                                                                                          |
| <b>The robot vacuum make a fierce loud noise</b>                                 | Side brushes or rolling brush is tangled by hair or debris,the dust bin or filter is blocked                    | Clean the dust box in time after each use of the robot vacuum; clean and maintain regularly the side brushes, rolling brush, dust bin, filter, etc                                                                            |
| <b>Suction power declines</b>                                                    | The suction port is clogged                                                                                     | Please clean up the suction port by time                                                                                                                                                                                      |
|                                                                                  | The dust bin is full The filter                                                                                 | Please empty the dust bin                                                                                                                                                                                                     |
|                                                                                  | kit is dirty                                                                                                    | Please clean the filter kit in regular                                                                                                                                                                                        |
|                                                                                  | Filter sponge is wet                                                                                            | Take out the filter sponge, and dry it in a cool place                                                                                                                                                                        |

# TROUBLESHOOTING & WARRANTY

## **If the above solutions can't solve your problems, please try the following**

- 1) Restart the robot vacuum with the power switch on the side.
- 2) If the robot vacuum keeps going backwards, please pat the bumper with your hand, and then restart the robot vacuum.
- 3) If the machine does not move forward, please check if the anti-drop sensor is blocked and clean the dust on the sensor cover.
- 4) If you have tried all the solutions and failed to solve the problem, please contact our customer service as soon as possible.

## **Tips**

- 1) **LDS** robot vacuums have the function of automatically identifying the home location, and will walk horizontally and vertically during the cleaning process.
- 2) The **LASER / LDS** navigation robot vacuum has a relocation function. When using this function, the robot vacuum needs to be stopped from working first and be placed in an area it has cleaned, or the relocation will fail.

## **Warranty & Service**

We offer 12-month warranty for the product.

If you have any inquiry about the product, please feel free to contact our customer service staff  
thank you for your support!

# TOXIC OR HARMFUL SUBSTANCES

| TOXIC AND HARMFUL SUBSTANCES OR ELEMENTS                                          |                                                                                                                                                                                                                                                                                                                                                                                                           |         |         |                     |                         |                                |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------|---------------------|-------------------------|--------------------------------|
| NAME                                                                              | Plumbum                                                                                                                                                                                                                                                                                                                                                                                                   | Mercury | Cadmium | Hexavalent chromium | Polybrominated Biphenyl | Polybrominated diphenyl ethers |
| Plastic                                                                           | ○                                                                                                                                                                                                                                                                                                                                                                                                         | ○       | ○       | ○                   | ○                       | ○                              |
| Electrical Machinery                                                              | ○                                                                                                                                                                                                                                                                                                                                                                                                         | ○       | ○       | ○                   | ○                       | ○                              |
| Circuit Board                                                                     | ×                                                                                                                                                                                                                                                                                                                                                                                                         | ○       | ○       | ○                   | ○                       | ○                              |
| Cable                                                                             | ○                                                                                                                                                                                                                                                                                                                                                                                                         | ○       | ○       | ○                   | ○                       | ○                              |
| Metal Piece                                                                       | ×                                                                                                                                                                                                                                                                                                                                                                                                         | ○       | ○       | ○                   | ○                       | ○                              |
| Battery                                                                           | ○                                                                                                                                                                                                                                                                                                                                                                                                         | ○       | ○       | ○                   | ○                       | ○                              |
| This form is prepared according to regulations of SJ/T 11364                      |                                                                                                                                                                                                                                                                                                                                                                                                           |         |         |                     |                         |                                |
| ○                                                                                 | It means that the content of the hazardous substance in all homogeneous materials of the part is below the limit requirements stipulated in GB/T 2657                                                                                                                                                                                                                                                     |         |         |                     |                         |                                |
| ×                                                                                 | It indicates that the content of the hazardous substance in at least one homogeneous material of the part exceeds the limit requirements specified in GB/T 2657                                                                                                                                                                                                                                           |         |         |                     |                         |                                |
|  | This product complies with RoHS environmental protection requirements, and harmful substances contained in some components cannot be replaced under current international technical standards. The environmental protection use period marked by this product refers to the safety period in which the harmful substances or elements contained in the product will not leak under normal use conditions. |         |         |                     |                         |                                |

## SPECIFICATIONS

|                          |                  |
|--------------------------|------------------|
| Model No.                | S6 series        |
| Rating power             | 19V $\equiv$ 1A  |
| Charing time (h)         | 4-5H             |
| Adapter power input (V)  | 100-240~ 50/60Hz |
| Adapter power output (V) | 19 $\equiv$      |
| Rating current (A)       | 1                |
| Rating Power (W)         | 30               |

The storage environment requirement for this product is 0-45°C(0-113°F)

### WARNING

This product has a built-in lithium battery. When disposing of this product, please do not disassemble the battery or stack it with general household waste to avoid polluting the environment. Please give it to the designated recycle bin or professional.



#### Note

The company reserves the right to make any technical or design changes to the product due to the continuous improvement of the product. The right of interpretation belongs to the company.