

Smart Vacuum Cleaner

(Household)

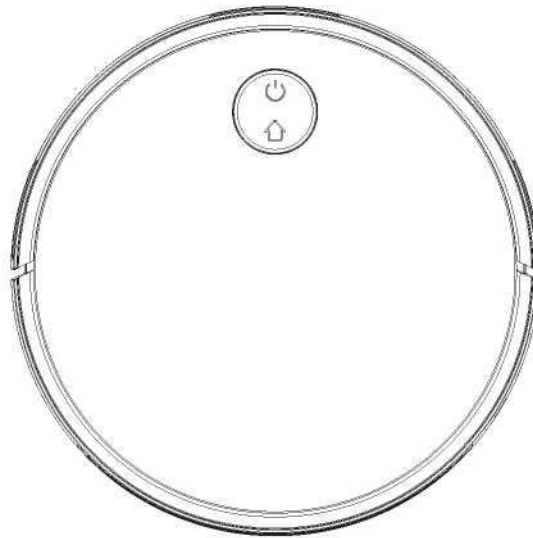
Instruction Manual

In accordance with national standards:

GB4706.1-2005 GB4706.7-2014

GB4706.1-2005 GB4706.7-2014

Model: F6S



Warranty Card Included

We sincerely thank you for purchasing our Smart Vacuum Cleaner.

The shape and color of the illustrations in this manual may be different from which of the actual product. The actual product shall prevail.

Please read this instruction manual carefully before charging and using this product so as to operate correctly and extend its service life.

Before all, please read [Safety Precautions] carefully before use.

After reading, please keep this instruction manual for future reference.

If you need to give this product to a third party, please attach this instruction manual with this product.

Catalog

I. Safety Precautions.....	2
II. Introduction.....	5
III. Usage.....	9
IV. Charging.....	13
V. Maintenance.....	14
VI. Specification.....	15
VII. Environmental Protection.....	16
VIII. Warranty Instruction.....	17
IX. Warranty Card.....	18

I. Safety Precautions

1.1 General Safety Regulations

Although this product can be used by children over 8 years old and by persons with impaired physical sensory or mental function, or without relevant experience or knowledge, they need to use this product in a safe manner under supervision or guidance and be aware of the possible risks. Children are not allowed to play with this product. Children should not clean and maintain this product without supervision.

Warning: Do not touch the robot's electronics, battery or charging base. Users are not allowed to maintain internal components of the product.

Product maintenance requires authorized professional maintenance personnel to operate. Please make sure that the nominal voltage of the power supply of the charging base is in accordance with the standard socket voltage.

1.2 Safety Instruction

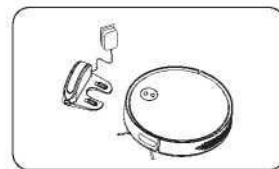
- Please read all safety precautions and instructions before operating this robot.
- Please pay attention to all warnings on battery, power adapter, robot and instruction manual.
- Please follow all instructions described in this manual.
- All non-routine maintenance shall be the responsibility of Fushida's professional staff.
- The harm and the degree of damage caused by the wrong operation are explained as follows.

 Warning	Indicates a potentially hazardous condition that, if not avoided, may result in death or serious injury.
 Attention	Indicates a potentially hazardous condition that, if not avoided, may result in mild or moderate injury.

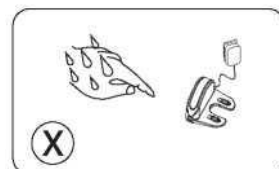
1.3 About Safety Matters of Product

Warning

This product can only use the original battery charging base and adapter, otherwise it may cause damage, electric shock or fire caused by high voltage. Please place the charging base by the wall before use, and do not place anything within 2 meters of the front or 1 meter of the left and right.

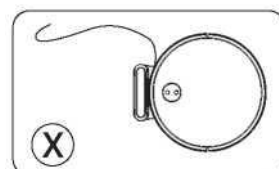


If the robot and accessories are found damaged, please stop using the product immediately. Please contact our after-sales service department. Except for the professional maintenance personnel designated or authorized by the company, no one is allowed to disassemble, repair or modify the product.



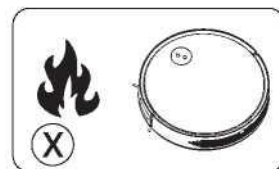
Do not touch the power plug or product with wet hands to avoid possible electric shock.

Do not use this product in the suspended environment without protective guard, so as to avoid the vacuum cleaner falling accidentally and causing personal injury.



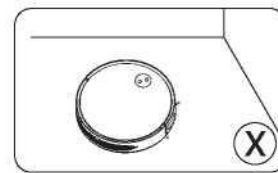
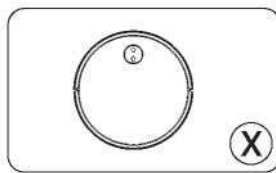
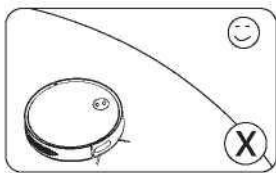
Do not drag or move the product through the power cord. Do not unduly twist, bend or place heavy objects on the power cord.

Do not let the product near the source of fire or close to flammable, explosive and corrosive materials.



Do not let clothing or any part of your body (such as hair, fingers, etc.) be sucked into the brush or wheels of the vacuum cleaner as this can cause personal injury.

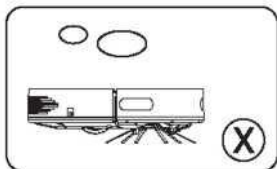
Attention



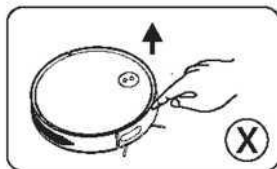
This product is for indoor use only.

Avoid vacuum cleaner damage caused by inhalation of water, oil or other liquids.

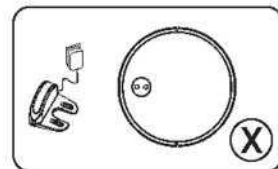
Before use, please tidy up the scattered wires on the ground, so as not to interfere with the work of the vacuum cleaner.



No heavy weight on the vacuum cleaner.

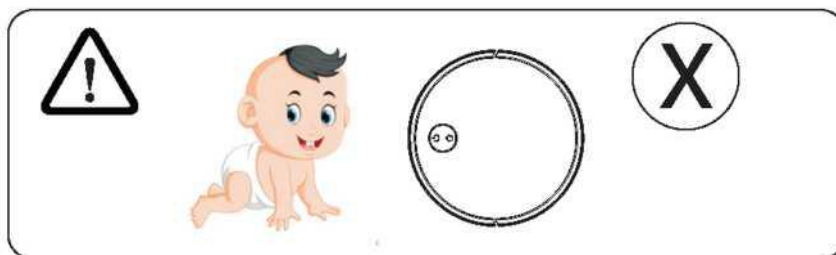


Do not lift the vacuum cleaner by the front shell alone, as it will damage the vacuum cleaner.



The charging stand should be placed against the wall. The adapter cord should not be placed randomly on the floor to prevent it from being wound around the bottom of the vacuum cleaner.

1.4 About Child Safety



Children are not allowed to use this product alone.

Children are not allowed to play with the packaging of the product, otherwise it may cause suffocation.

1.5 About Battery

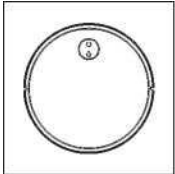
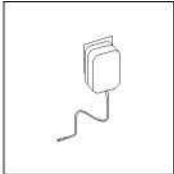


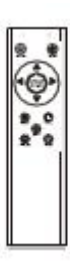
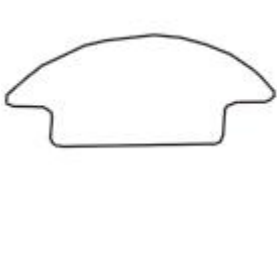
1. This product can only use the battery provided by the manufacturer;
2. The battery must be taken out when the product is discarded;
3. If you need to replace the battery, please contact our after-sales service department. If you use the wrong type of battery to replace it, it may cause a safety accident;
4. In case of battery leakage, and if you accidentally let the liquid contact with the skin or clothing, you should immediately wipe with a dry cloth. Waste batteries should be sent to the recycle center or designated maintenance center, which cannot be thrown away.

II. Introduction

2.1 Packing List

No.	Description	Quantity
1	Robot	1
2	Charging base	1
3	Power adapter	1
4	Instruction manual	1
5	HEPA filter	2
6	Side brush	4
7	Water tank	1
8	Remote control	1
9	Mop	2
10	Brush	1
11	Battery	1

				
Robot (battery included)	Charging base	Power adapter	Instruction manual	HEPA filter

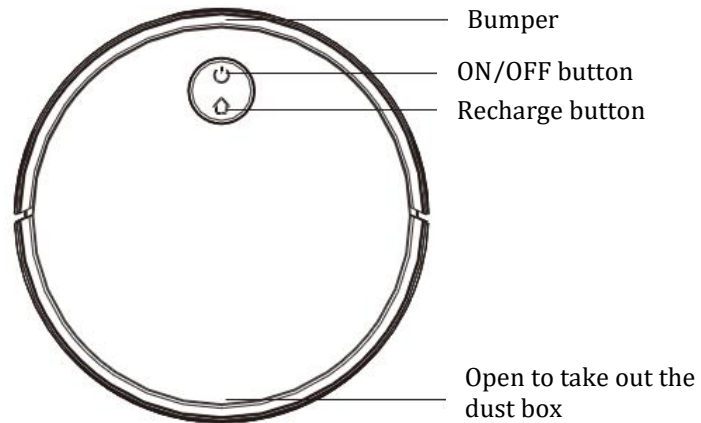
				
Side brush	Water tank	Remote control	Mop	Brush

★Tips:

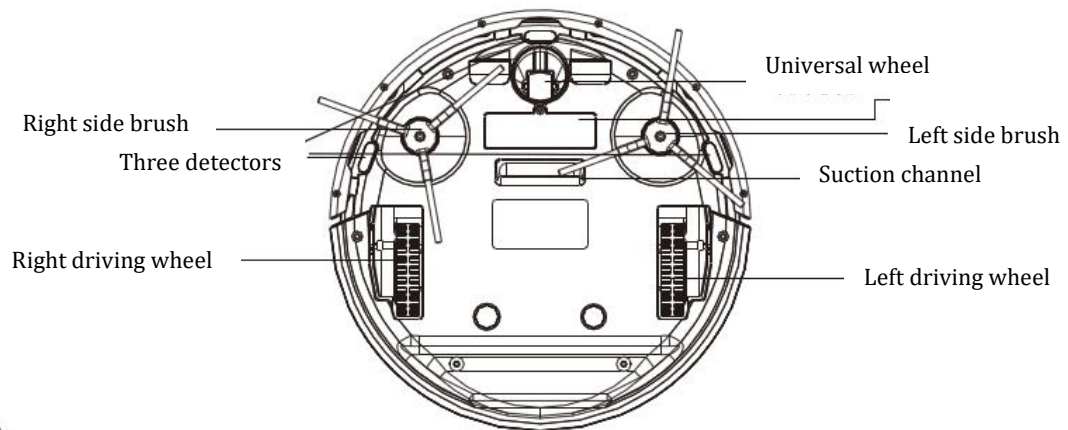
* If you do not need to use the product for a long time, Please charge the machine at least every 60 days.

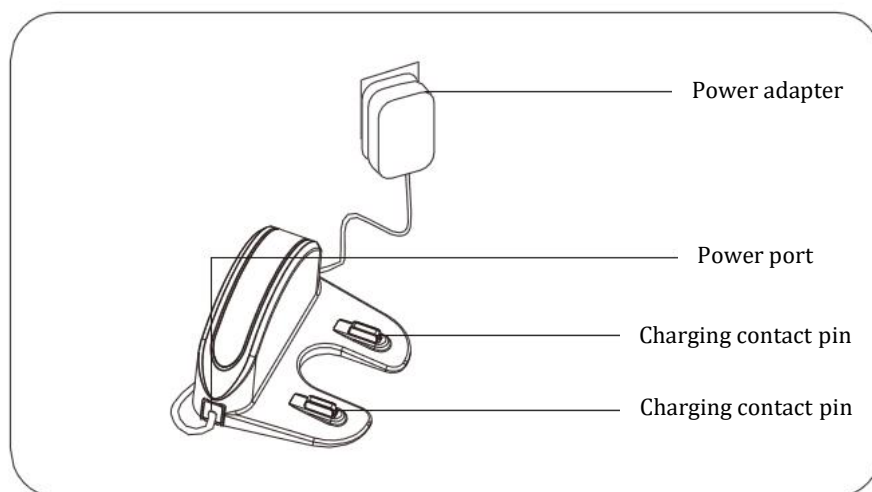
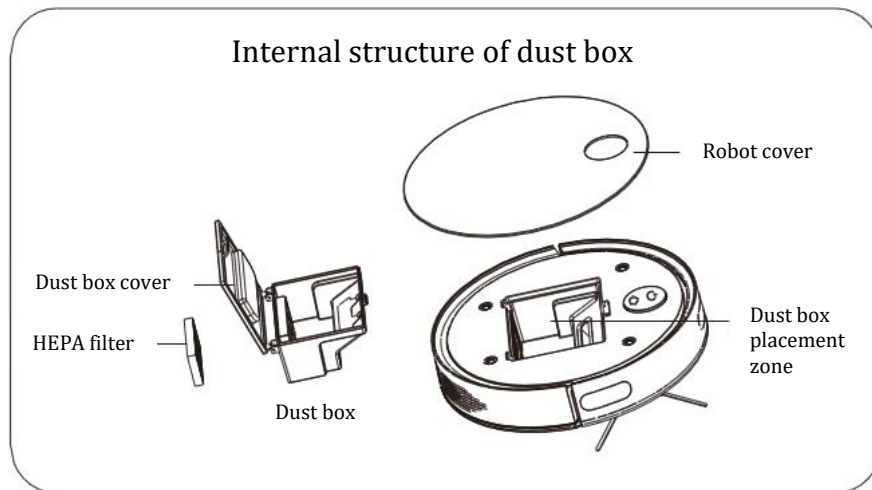
2.2 Product View

Robot front view



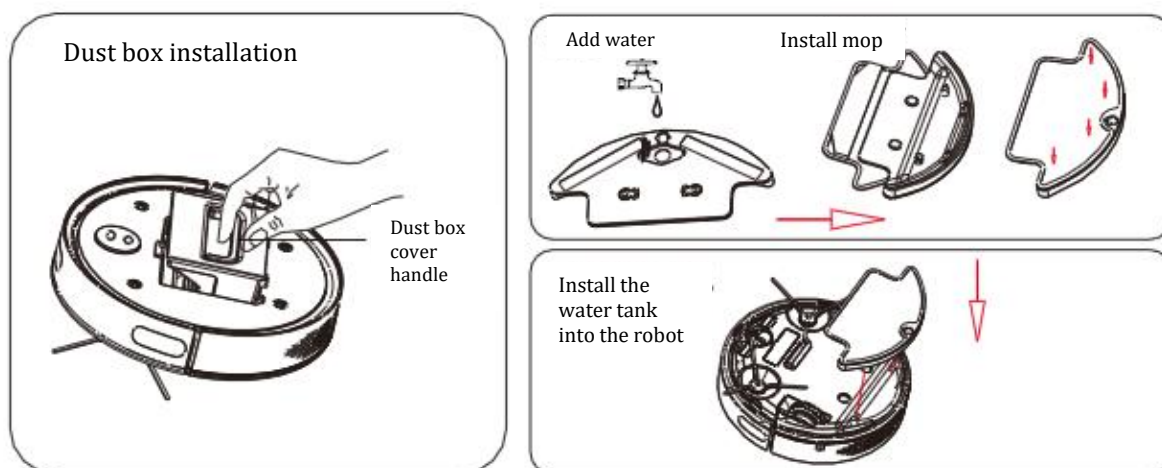
Robot bottom view





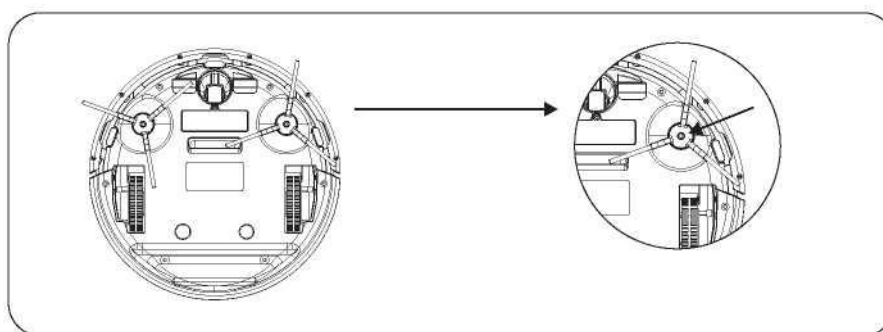
2.3 Dust Box and Water Tank Installation

- Take out the dust box: hold the handle and pull it out. Dust box into: dust box into the press flat.
- Water tank out: turn the machine over, hold the two sides of the tank with both hands, left and right balance force up can be.
- Water tank loading: hold both sides of the water tank with both hands, let the positioning column of the water tank be aligned with the socket of the base, and press in balance.
- Mop installation: after water is injected into the water tank, then the mop cloth is put into the water tank, and then the mop cloth is flattened and pasted on the water tank.



2.4 Clean the side brush

- Clean the side brush with the cleaning brush. If there is a lot of hair on the side brush, you can use scissors to carefully cut the hair, and then clean.



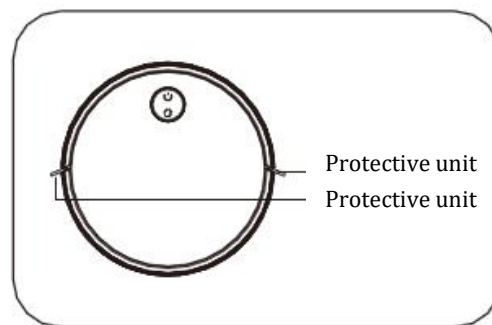
1. Installation steps: Align the side brush with the hole at the bottom and press down until you hear a "click" to indicate that the side brush is in place.
2. Disassembly steps: Grab the bristles on both ends of the side brush and pull them out slightly.

★Tips:

Before each use, please check whether these side brushes have been assembled, otherwise it will affect the normal cleaning work of the vacuum cleaner.

III. Usage

*Attention: Before cleaning, it is necessary to remove the protective block at the front shell of the machine, and tidy up small objects or obstacles in the room, especially wire entanglements, to prevent them from getting stuck and winding into the bottom of the machine.



3.1 Application Range

Application range

The product is suitable for the following floor environment:



Wooden floor



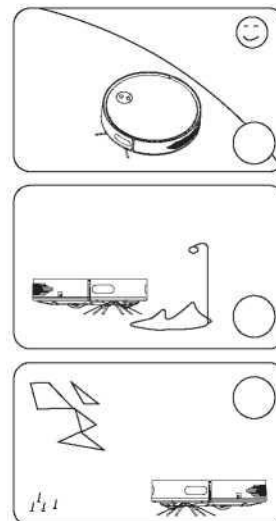
Undercoat carpet



Ceramic tile

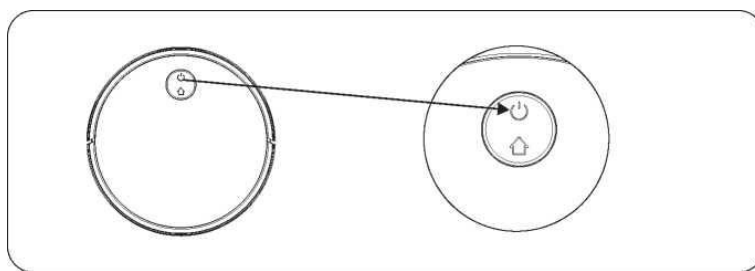
Range of non-application

- * This product is not suitable for use in extremely hot ($+60^{\circ}\text{C}$ or above) or extremely cold (-5°C or below) environments.
- * This product is for indoor use only.
- * Do not use this product in the suspended environment without protective guard, so as to avoid the vacuum cleaner falling accidentally and causing personal injury.
- * Do not use this product in wet or flammable, explosive, or corrosive environments.
- * Do not allow this product to absorb unextinguished cigarette butts or matches.
- * This product cannot be used to absorb the toner used in laser printer or copier. These substances may cause fire disaster.
- * Do not use this product to absorb sharp objects, such as glass, nails, etc., to avoid product damage.



3.2 Operating Status of Robot

1. OFF status



When the vacuum cleaner is off, long press the "  " button, and the blue light will be on after the buzzer goes off. The vacuum cleaner will enter the standby mode after 3 secs.

2. Standby status

When the robot is in standby state, the blue light is always on.

1. If there is no operation, the vacuum cleaner will automatically shut down after 5 minutes of standby.

2. Short press the "  " button once and the buzzer will go off once to indicate that the vacuum cleaner enters the automatic cleaning mode.

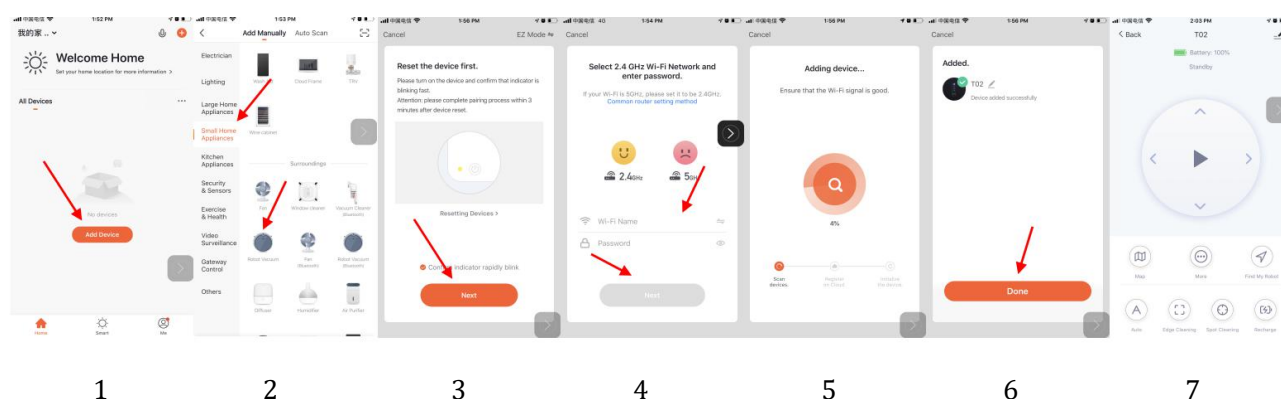
3. Short press the "  " button once and the buzzer will go off once to indicate that the vacuum cleaner enters the automatic recharging mode.

4. Long press the "  " button for 3 seconds, the buzzer will go off once, and the vacuum cleaner will shut down.

5. Plug in the charger, the buzzer will go off once and the vacuum cleaner will enter the charging mode.

3.Mobile phone WIFI connection machine operation

- Download the "Tuya Smart" APP and sign up;
- APP account registered successfully;
- Click "Add Device" in the APP, then "Small Home Appliances", and select " Robot Vacuum"
- Enter the WiFi interface, select the home WiFi account and enter the password, then click "Ok".
- After starting the machine, hold down the "  " key for 3-5 seconds. After the blue light flashes, click "Flash (0.5 seconds/time)" on the APP.
- Enter the add device interface, connect to wifi, and pay attention to the bouncing prompts on the APP during the connection.



4. Remote control status

1. When the vacuum cleaner is off, press the "POWER" switch button on the remote control to turn it on at distance, and the robot will enter standby mode with a beep of the buzzer. When the vacuum cleaner is in standby status, press the "POWER" button to turn it off.
2. Press the "HOME" recharging button on the remote control to enter the automatic recharging mode and automatically find the charging base to charge.
3. Press the "TURBO" cleaning button on the remote control to enter the automatic cleaning mode.
4. Press the "WALL" edge cleaning button on the remote control to enter the edge cleaning mode.
5. Press the "SPOT" spot cleaning button on the remote control to enter the spot cleaning mode, and the vacuum cleaner starts cleaning with the current point as the center.
6. Press the up button on the remote control to move forward.
7. Press the left button on the remote control to move left.
8. Press the down button on the remote control to move backward.
9. Press the right button on the remote control to move right.
10. "FULLGO" repeated cleaning button.



When the robot is in the charging base, long press this button for 2 seconds and the robot will emit two beeps to enter the automatic repeated cleaning mode with full power. When the robot is completely charged, it will automatically leave the charging base to enter the automatic cleaning mode for cleaning. In case of low battery, the robot will automatically return to the charging base for charging, so repeat twice to exit this mode. During this period, if you press other buttons to make the robot leave the charging base, the reservation function will be cancelled.

11. TIMER reserved cleaning button

When the robot is in the charging base, long press this button for 2 seconds and the robot will emit two beeps to enter the reserved automatic cleaning mode. The robot will automatically leave the charging base and enter the automatic cleaning mode after 24 hours from the current time. During this period, if you press other buttons to make the robot leave the charging base, the reservation function will be cancelled.

Indicator light info

No.	Function guidance	Function information
1	The blue light is always on.	In the standby mode
2	The blue light is always on.	In the operating mode
3	The purple light flickers.	In the recharging mode
4	The blue and purple lights flicker alternately.	In the charging
5	The purple light is always on.	Completely charged
6	The red light flickers.	Failure alarm

5. Automatic cleaning

When the robot in the automatic cleaning status, the blue light for automatic cleaning is always on. The automatic cleaning mode is suitable for cleaning the whole home environment.

The robot will clean the house according to the internal set cleaning path and automatically avoid obstacles and steps.

1. Press the “⏻” button or “🏠” button on the robot, the buzzer will go off once and the robot will enter standby mode.
2. If the battery is low, the buzzer will go off once and the robot will enter the automatic recharging mode.
3. If a fault is detected, the robot will enter the fault detected mode and give a failure alarm.
4. If the charger is plugged in and the buzzer will go off once and the robot will enter the charging mode.

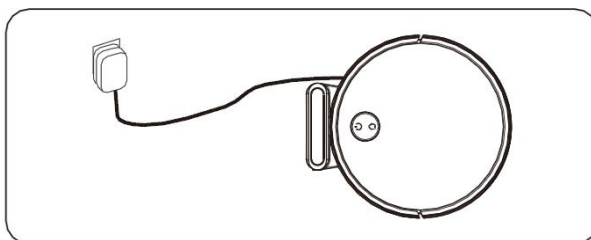


Cleaning path in automatic cleaning mode

6. Automatic recharging mode

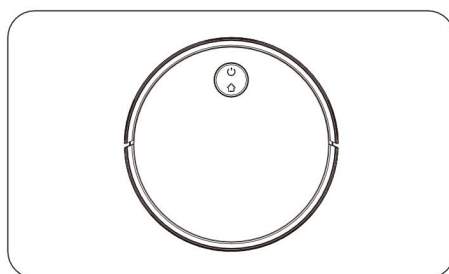
In automatic recharging mode, the purple light flickers and the robot runs slowly for looking for the charging base, and will be automatically charged after finding it. During the search, it will turn off the vacuum motor.

1. Press the “⏻” button or “🏠” button on the robot, the buzzer will go off once and the robot will enter standby mode.
2. If a fault is detected, the robot will enter the fault detected mode and give a failure alarm.



7. Charging mode

In charging mode, the blue and purple lights flicker alternately to indicate that the robot is in charging. After completely charged, the purple light is always on.



In the charging, there are the following available function:

Press the “⏻” button on the robot, the buzzer will go off once, and the robot will leave the charging base to enter the automatic cleaning mode.

8. Fault detected mode

Failure alarm function of indicator light and solution

No.	Flicker frequency	Problem	Solution
1	2	Low battery	Charge the robot or replace fully charged battery.
2	3	The collision is abnormal.	1. Check if the collision cover is stuck; 2. The collision switch is abnormal; 3. The mainboard collision is abnormal.
3	4	The floor detector is invalid.	1. Check if there is foreign object in or out of the floor detector cover; 2. The floor detector wire has come off; 3. The transmitting or receiving light of floor detector is abnormal.
4	5	The sound of the side brush current flow is loud.	1. Check if the side brush is entangled or stuck by a foreign object; 2. The side brush motor is abnormal.
5	6	The current flow of left wheel is abnormal.	1. Check if the wheel is entangled or stuck by a foreign object; 2. The motor wire has come off; 3. The motor is abnormal.
6	7	The current flow of right wheel is abnormal.	1. Check if the wheel is entangled or stuck by a foreign object; 2. The motor wire has come off; 3. The motor is abnormal.

IV. Charging

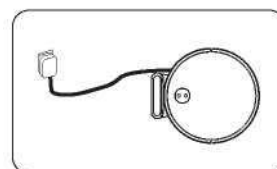
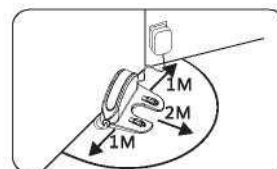
4.1 Charging base placement

In order to facilitate the robot to find the charging base in time, it is recommended to place the charging base by the wall smoothly, and do not place anything within 2 meters of the front or 1 meter of the left and right.

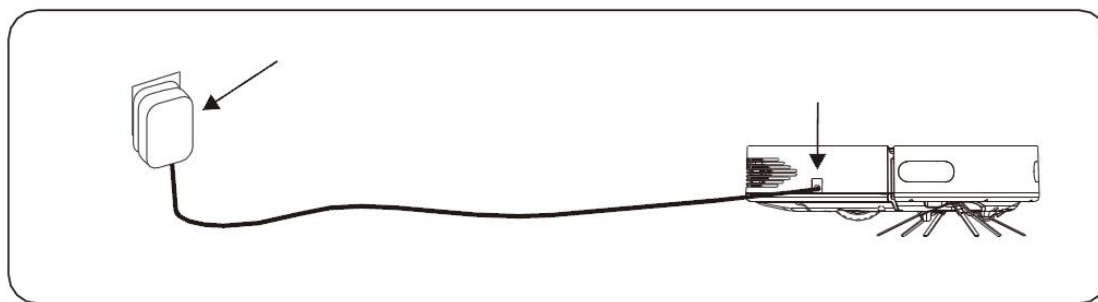
4.2 Automatic charging

In operating status, when the battery is too low, the robot will automatically start to look for the charging base and then automatically be charged after finding it.

When you press the "" button on the robot, the robot will start to look for the charging base and then automatically be charged after finding it.



4.3 Manual charging



Connect the power adapter jack directly to the robot and then plug the charging cable into the power supply.

1. Please completely charge the robot for 12 hours when charging for the first time.
2. For daily use, please place the robot on the charging base and ensure that the charging base is connected to the power supply.
3. If you do not use the vacuum cleaner for a long time, please fully charge it and then turn it off to store it in a ventilated and dry place.

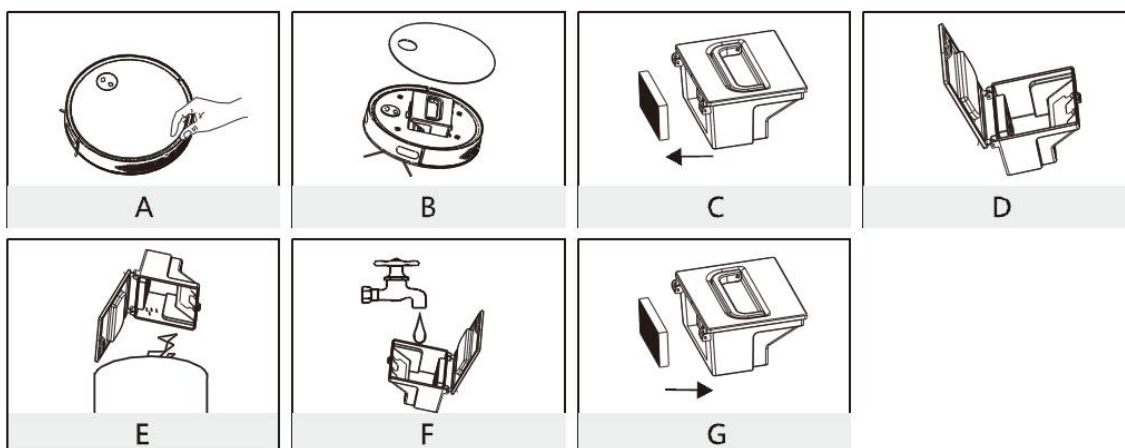
V. Maintenance

5.1 Clean the side brush

Please clean the side brush when the side brush becomes dirty. If the side brush is damaged, it can be replaced.

5.2 Clean the dust box and filter

After each use, please clean the dust box and filter in time. Specific operations are shown in the following figure:

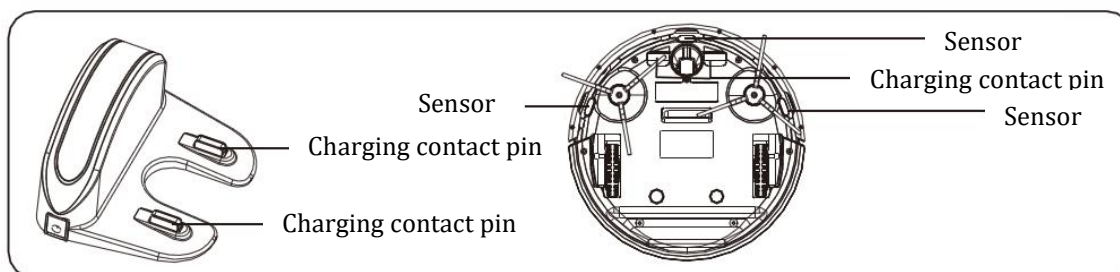


★Tips:

After taking out the dust box, please check whether there is any foreign object in the suction inlet and clean it.

5.3 Clean the sensor and charging contact pin

Wipe the sensor and charging contact pin gently with a cleaning tool or a soft cloth.



★Tips:

If there is any foreign object on the charging contact pin on the charging base, please clean it in time.

VI. Specification

Model	F6S
Operating voltage	7.4V
Rated power	12W
Rechargeable battery	Lithium-ion battery
Battery capacity	2000-2600mAh
Charging time	Approx. 5-6 hours
Operating time	≥60 minutes
Operating temperature range	-10°C-45°C
Operating humidity range	≤90%RH
Dust box capacity	430mL
Noise	≤65dB
Size (Diameter X Height)	φ315X81mm

★Note:

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

VII. Environmental Protection

In accordance with *Regulations of the Restricted Use of Hazardous Substances in Electrical and Electronic Products of the People's Republic of China*, the name and content of toxic substances or elements that may be contained in electrical and electronic products are listed in the following table:



Name of parts	Toxic and Hazardous Substance or Element					
	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Chromium VI (Cr (VI))	Polybrominated biphenyls (PBB)	Polybrominated diphenyl ethers (PBDE)
Plastic Parts	0	0	0	0	0	0
Electronics & Electrical Appliances	X	0	X	X	0	0
Rubber Sponge	0	0	0	0	0	0
Hardware	X	0	0	0	0	0
Packing material	0	0	0	0	0	0

This table is prepared in accordance with GB/T26125-2011/IEC62321:2008.

○: To indicate that the content of the toxic and hazardous substance in all homogeneous materials of the part are below the limit specified in GB/T26125-2011/IEC62321 :2008.

X: To indicate that the content of the toxic and hazardous substance in at least one homogeneous material of the part exceeds the limit specified in GB/T26125- 2011/IEC62321:2008.



Circular Arrow Mark: To indicate that this product is recyclable. If the product fails to operate properly after the maintenance or its service life is expired, it should not be discarded at will. Please send it to the formal recycling center and the enterprises with used electrical and electronic products disposal qualification. Regarding the correct disposal method, please refer to the national or local disposal regulations on used electrical and electronic products.

Description of Hazardous Substances: The content of hazardous substances or elements in materials used in our products has complied with the limit requirements of the hazardous substance standard in GB/T26125-2011/IEC62321:2008. The parts marked MXW indicate that the replacement of the content of hazardous substance or element cannot be realized due to the development of global technology level. Our company will make efforts to replace harmful substances according to the development of global technology. If the hazardous substances in materials are upgraded thanks to the development of technology and environmental protection, it will be included in the new version of the instruction manual.

VIII. Warranty Instruction

According to the "New Three Guarantees", the warranty period of the complete machine is ONE YEAR "from the date of purchase". (The warranty is available for home use only).

1. In the warranty period, as long as the fault caused by the quality of the product itself, customers can bring the completed *Product Warranty Card* and Purchase Invoice to the "Special Maintenance Center" around the country for free repair.
2. Please keep the purchase invoice and warranty card properly as the warranty certificate. Once the invoice is altered, the warranty will become invalid.
3. If the warranty period has expired, customers can contact the customer service department of the company for mail order of spare parts, or purchase from the local retailer.
4. Special customer service center have the obligation to provide superior service to customers. If customers have any objection to their service quality, customers can directly complain to our customer service department.
5. If the warranty period is promised in the instruction manual, the instruction manual shall prevail.

No maintenance will be free under the following circumstances:

1. No warranty card and valid purchase invoice.
2. The complete machine and parts have exceeded the free warranty period.
3. The model in the warranty card does not conform to the model of product for maintenance or the warranty card is altered.
4. Fault or damage caused by failure to operate the machine as specified in the instruction manual.
5. Damage caused by improper use, storage and maintenance of consumers.
6. Damage caused by disassembly of other maintenance personnel (i.e. not authorized by our company).
7. Fault or damage caused by accidental factors or human reasons (including operation error, liquid inlet, improper plugging, scratch, transport, collision, improper voltage input, etc.).
8. Damage caused by force majeure (such as earthquake, fire disaster, lightning stroke, etc.).
9. Normal and reasonable consumption or damage (such as natural consumption, wear and aging of the shell and connector parts).
10. Other faults and damages not caused by quality problems of our products (including parts).

Note:

The customer service department of our company will still serve you warmly if the product is not within the warranty scope.

IX. Warranty Card

Product Name/Article Number		Serial Number	
Date of Purchase	Dealer	Tel.	
			Seal of dealer
Customer name			
Customer address			
Customer contact number			
Postal code			

Maintenance record

FCC Instructions :

This product 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 product 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 the product 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 product and receiver.
- Connect the product into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

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

FCC Radiation Exposure Statement:

The equipment complies with FCC Radiation exposure limits set forth for uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.