

ULTRACLEAN G20 ROBOT VACUUM WITH MOPPING FUNCTION

KAVACRBG20U

SAFETY & WARNINGS

Before using this product, read and follow all the safety instructions listed below.

- Any operation not in compliance with this guide is likely to cause damage to the product or injury to the user.

Warning

	Do not attempt to disassemble, repair or modify the product, as this may lead to fire, electric shock or injury.		Do not use any charger other than the one accompanying this appliance. Doing so may cause fire resulting from product damage, electric shock or high voltage.
	Do not touch any high voltage power cable of the appliance with wet hands, as this may cause electric shock.		Do not over bend the power cord or place heavy objects on it. Doing so may damage the cord, causing a fire or electric shock.
	Attention must be made to avoid clothes or any part of body (hair, fingers, etc.) getting caught in the brush or wheels of the vacuum cleaner. Doing so may result in personal injury.		Keep away from cigarettes, lighters, matches and other heat sources. Do not use flammable materials such as gasoline to clean the machine.

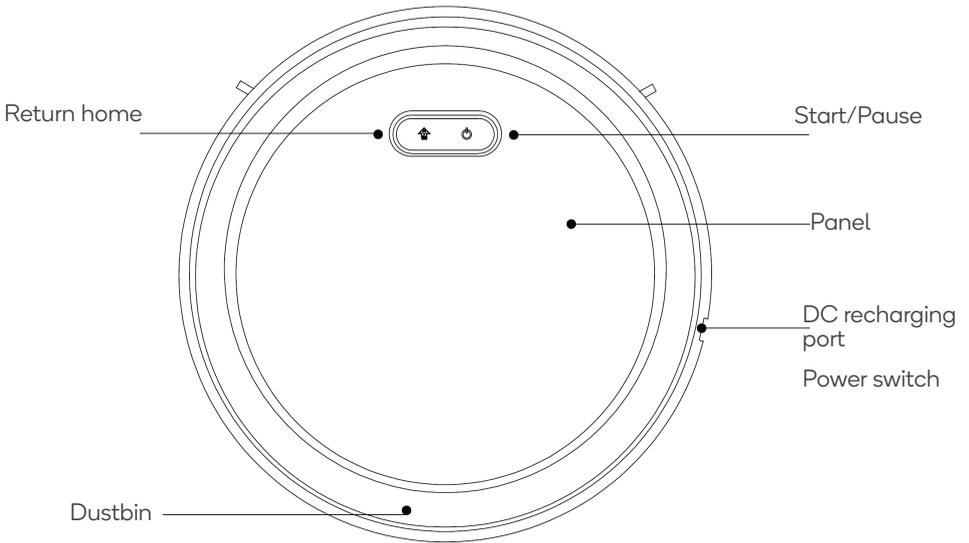
 **Attention**

	Turn OFF the power before transporting or relegating it to prolonged storage. Otherwise, the battery may be damaged.		Ensure the power cord is tightly connected to the charger or it may cause electric shock, short circuit, smoke or fire.
	Check the connection between the charger and the socket for reliability. Otherwise, it may result in non-charging and consequential fire.		To prolong battery life, charge robot for at least 16 hours after the first use or before reuse after being idle for a long period. The battery will not achieve its optimum performance until 2-3 complete recharging-discharging cycles.
	Before leaving the vacuum cleaner idle, recharge the battery to its full, then take the battery to a cool place and keep the bottom of the appliance dry.		Prior to use, remove all damage-prone objects (lamps, fabrics, glass bottles, etc.); otherwise it may cause damage to or affect the performance of the appliance.
	Use the cleaner with caution in the presence of children in order to avoid hurting them.		Do not stand or sit on the vacuum cleaner so as not to cause damage to it or injuries to the user.
	Do not let the robot inhale water and other liquids, otherwise it may lead to product damage.		Do not use the vacuum cleaner in confined spaces, which may lead to product damage.
	Outdoor use is prohibited, as doing so may cause product damage.		Do not use the vacuum cleaner on commercial premises.

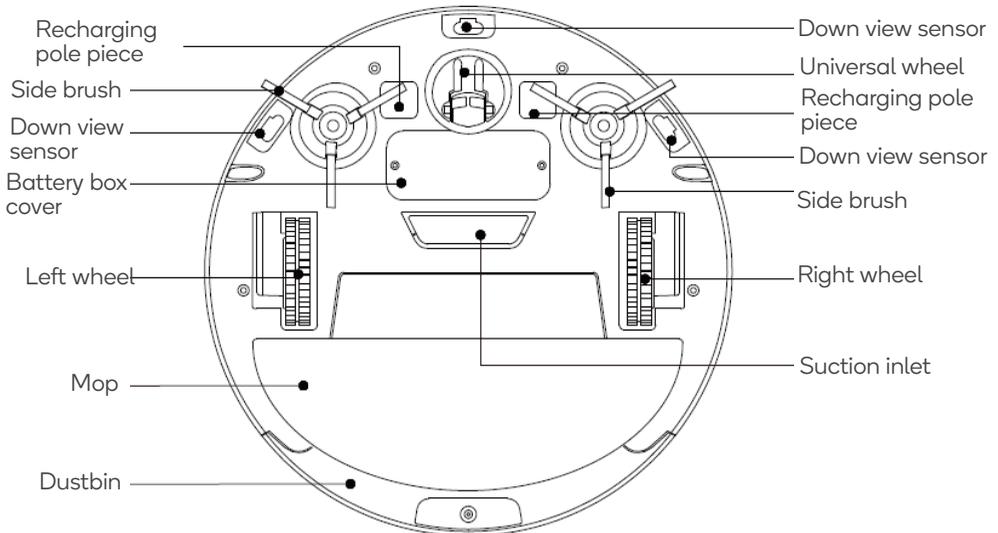
OVERVIEW

Vacuum

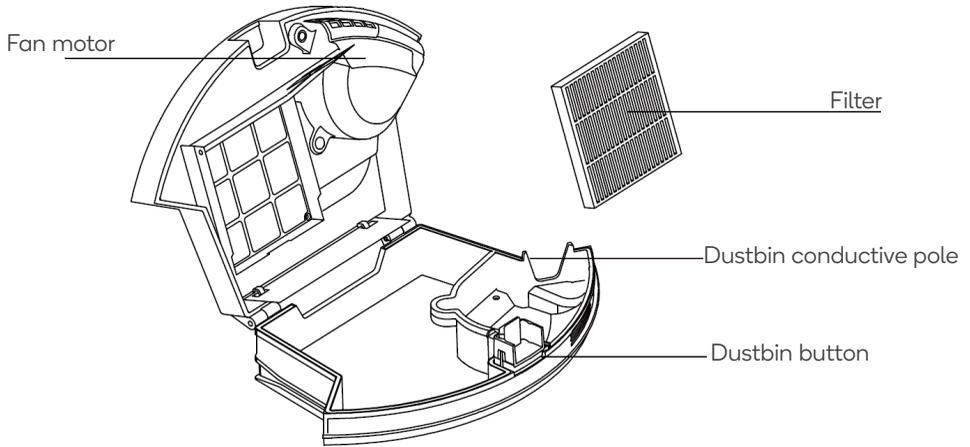
Top



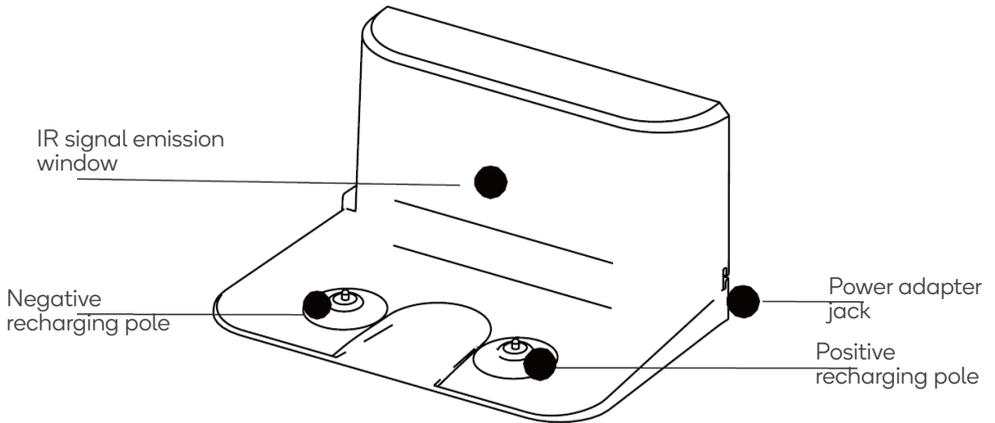
Bottom



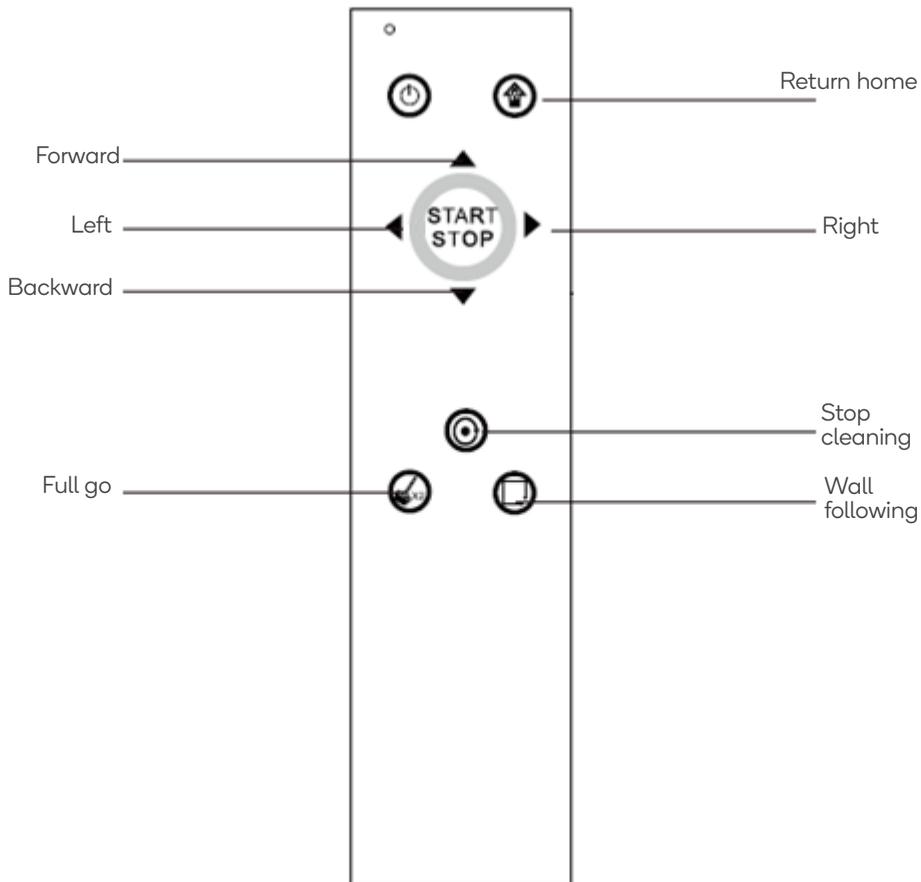
Dustbin



Charging Dock



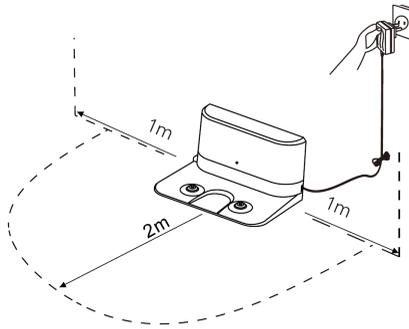
Remote Control



OPERATION

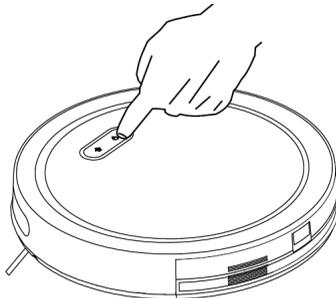
Charging

1. Connect the power adapter to the power adapter jack on the charging dock.
2. Locate an electrical outlet on the wall close to the ground and plug in the power adapter.
3. Place the charging dock in a flat position on the ground with the back pushed up against the wall. There should be no other object or obstruction two metres in front of and one metre to the left, right and above the charging dock.



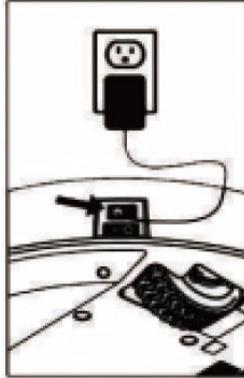
Turn on the robot

1. Press and hold the Start/Pause button for 2 seconds until the indicator light flashes blue. After the indicator light starts flashing, press the Start/Pause button on the robot to commence operation.
2. When the robot finished working, it is better to keep the power switched ON and let the robot return to the dock station for auto charging.



Charging status

1. If the battery power is less than 20%, the indicator will begin blinking red. If the battery power is between 20% - 50%, the indicator will blink with a pink light. When the battery power is above 50%, the indicator will blink blue. After the robot is fully charged, the blue light will remain ON for few minutes before automatically turning OFF.
2. The robot can also be charged by connecting the power adapter to the DC recharging port on the side of the robot.



Robot operation

1. Long press the Start/Pause button for 5 seconds and the robot will enter standby mode. Press the button again; the robot will start to clean and the blue light will remain bright. Long press the Start/Pause button for 5 seconds, the robot will turn OFF (Figure 1).
2. Press either button on the panel briefly when the robot is working, and the robot will enter into standby mode and wait for the next instruction (Figure 2).

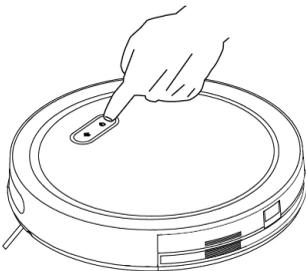


Figure 1

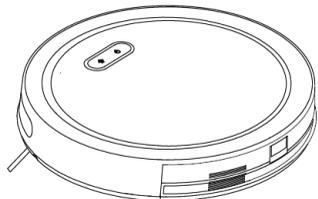


Figure 2

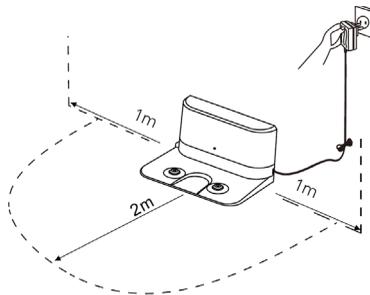
3. Press the Return Home button on the panel when robot is in standby mode; the robot will enter into auto charging station. If battery is low, the indicator will illuminate red during the recharging process. The light will begin “breathing”, and the unit is fully charged when the light turns to a solid blue.
4. Keep the robot on the charging dock after it has finished the cleaning to keep it ready for the next cleaning cycle.
5. If the robot is not used on a regular basis, turn OFF the power switch to protect the battery.
6. If the robot is not used on a regular basis, recharge the robot at least once a month to maintain the battery.

Attention:

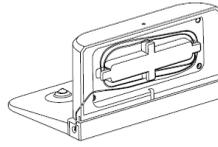
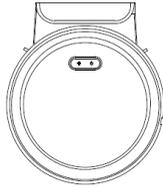
- After the robot is turned ON, it will not operate for the first 10 seconds. Press and hold the Return Home button for 3 seconds and the robot will automatically enter sleep mode.

Charging dock

1. Before using the dock station, make sure it is connected to the power supply and adapter.
2. Place the charging dock in a position flat on the ground with the back pushed up against the wall. There should be no other object with strong reflections like mirror or obstructions two metres in front of and one metre to the left, right and above the charging dock. And also avoid direct sunlight.



3. After the robot has finished cleaning, it will return to the charging dock automatically.
4. During the cleaning process, if the power is too low, the robot will not return to the dock station for charging automatically. The robot will stop cleaning and sound an alarm. Every 5 seconds the alarm will be repeated.



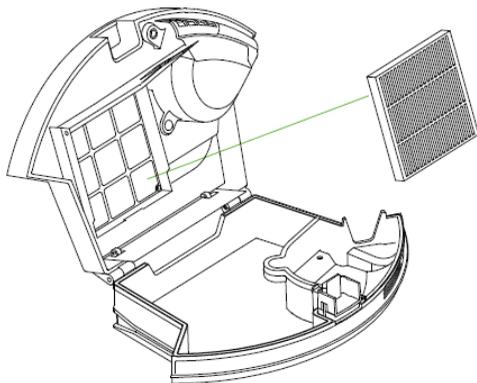
Remote Control

		Power: Start or pause operation
		Return Home: Press for the robot to stop cleaning and return to the charging dock.
		Forward: Press while cleaning and the robot will move in a forward direction.
		Backward: Press while cleaning and the robot will move in a backward direction.
		Left: Press while cleaning and the robot will turn in a circle to the left.
		Right: Press while cleaning and the robot will turn in a circle to the right.
		Start/Stop: Press while the robot is in standby mode and it will begin auto cleaning. Press when the robot is cleaning and it will stop and return to standby mode.
		Wall following: Press this button and the robot will enter wall following mode until finished or another button is pressed.
		Spot cleaning: Press this button and the robot will enter spot cleaning mode until finished or another button is pressed.
		Full go: Press this button and the robot will enter full go cleaning mode until finished or another button is pressed.

CLEANING & CARE

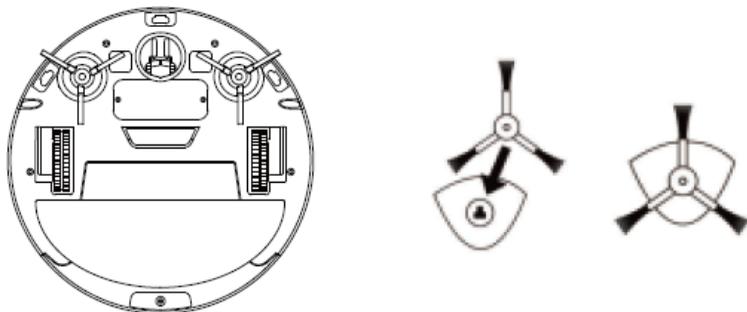
Removal and cleaning of the dustbin

1. Press the dustbin button on the panel and take out the dustbin.
2. Open the upper cover of the dustbin and pour out the dirt and other debris.



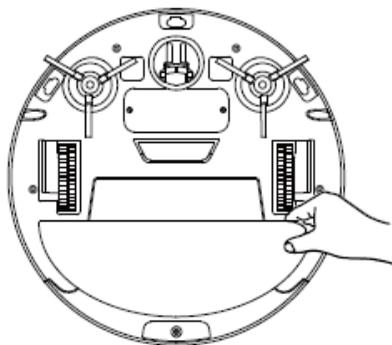
Removal and cleaning of the side brush

1. Gently pick up the robot and lay it with down its wheels facing up.
2. Use the mop to clean the hair off the brush.
3. Firmly grasp one of the plastic spokes containing the wire brushes and pull straight up.
4. The side brush should only be replaced if the existing side brush is damaged.



Removal and cleaning of the mop

1. Tear off the mop to clean. After cleaning the mop pad, simply re-attach it to the underside of the robot on the two Velcro strips.



SPECIFICATIONS

Robot Vacuum

Rated voltage	DC 14V
Rated power	30W
Operating temperature range	-10°C-45°C
Input voltage/current	14V/0.5A
Infrared remote control	38KHz
Dimension	Φ 310 x 68mm
Weight	2kg
Battery	Lithium-ion 2600mAh
Dustbin capacity	650ml

Charging Dock

Dimension	L x W x H: 194 x 15 x 105mm
Input voltage/current	14V/0.5A
Operating temperature range	-10°C-45°C
Operating humidity range	85RH

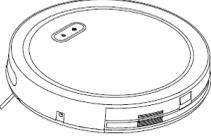
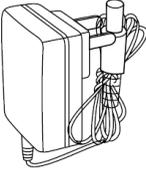
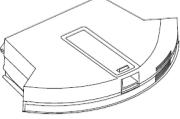
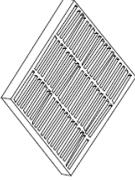
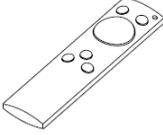
Remote Control Specifications

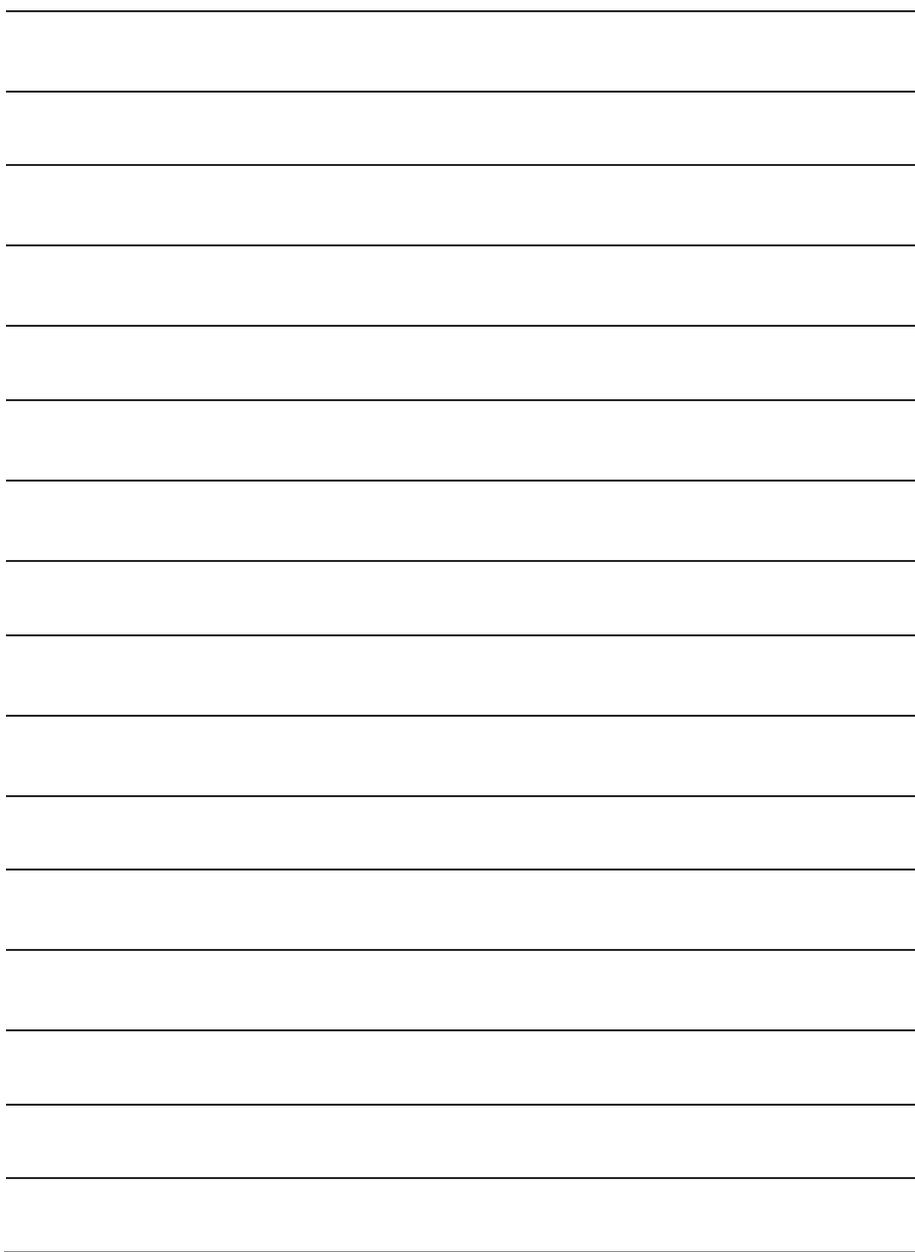
Dimension	L x W x H: 150 x 38 x 15mm
Battery	DC 3V (AAA)
Remote control method	Infrared
Emitting and receiving distance	≤5M
Operating temperature range	-10°C-45°C
Operating humidity range	85RH

TROUBLESHOOTING

Cause	Warning Sound	Indicator light	Troubleshooting
Drive wheel failure	1 sound 3 times	The red indicator light is ON.	Check the wheel. If obstructed, remove the obstacle.
Side brush failure	2 sound 3 times	The red indicator light is ON.	Check if the side brush is obstructed and clean the side brush.
Fan motor failure	3 sound 3 times	The red indicator light is ON.	Empty the dustbin and clean the suction inlet.
Ground detective failure	2 sound 3 times	The red indicator light is flashing.	The robot has been lifted up; move to ground. Clean the ground detection sensor.
Trouble processing	3 sound 3 times	The red indicator light is flashing.	Trouble processing failure; move to an empty space.
Low power	4 sound 3 times	The red indicator light is flashing.	The voltage is too low and needs manual assistance to charge.
Adapter failure	5 sound 3 times	The red indicator light is flashing.	Replace adapter.
Charging failure	6 sound 3 times	The red indicator light is flashing.	Check whether the robot is turned ON and the battery is connected correctly.

IN THE BOX

			
Cleaner	Power adapter	Charging dock station	Dustbin
			
HEPA	Side brush	Remote control	Mop



Need more information?

We hope that this user guide has given you the assistance needed for a simple set-up. For the most up-to-date guide for your product, as well as any additional assistance you may require, head online to **help.kogan.com**

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