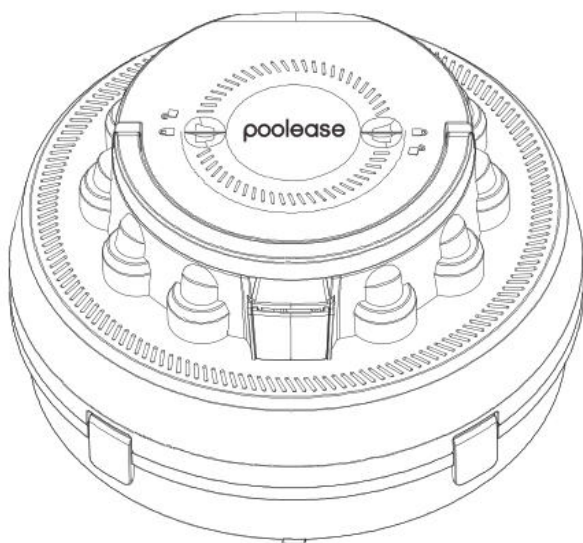


poolease

CORDLESS ROBOTIC POOL CLEANER

Instruction Manual

X1A



General Information

Dear Customer:

Enjoy the robot of your dreams on an affordable budget. This robot pool cleaner is small in size, lightweight, easy to operate, and used for cleaning the swimming pool floor. It cleans the pool floor and is an ideal choice for all types of small pools.

It is lightweight and compact to be easy to handle, making your pool floor clean and the water sparkling.

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Warnings and cautions

1. Please read the instructions carefully and follow the instructions. Our company is not responsible for any loss or injury caused by improper use.
2. Only use the accessories recommended or sold by the manufacturer.
3. This model is only suitable for flat pool floors
4. Do not let children ride on the cleaning robot or use it as a toy.
5. The charging adapter must be connected to the leakage protection ground socket when charging.
6. Make sure the recharge socket is dry before charging, and after charging please install the silicone plug.
7. Only use the original authorized power adapter.
8. Charging should be kept in a cool place and not covered with anything to prevent overheating from damaging internal electrical components.
9. Only a qualified electrician can replace the adapter cable.
10. When storing for a long time, please clean and wipe the robot, charge the robot with a charger, and store it in a cool place. It should be charged every three months to keep the battery level between 40% and 70%. Only use the original authorized power adapter. If the battery is not charged for a long time after cleaning, the battery voltage will be lower than the discharge protection voltage due to the self-discharge of the battery, which may cause fatal damage.
11. The filter screen must be installed when the robot is used to prevent sundries from inhaling into the flow passage.
12. Be sure to clean the filter after use.
13. Only a certified professional can remove the sealed drive kit of the robot.
14. Due to the limitation of battery capacity, the robot is only suitable for swimming pools below 861 Sq. Ft (80m²), or it will affect the cleaning effect.
15. Do not pierce the shell of the robot with a needle or other sharp objects.
16. To avoid electric shock and other hazards that could cause permanent injury or death, disconnect the cleaner from the power source (unplug it) before performing any cleaning and maintenance.
17. To avoid accidents, please do not swim in the pool while the robot is working.
18. When the robot has finished its work, please remove it promptly.
19. If the core box leaks, please stop using it immediately and do not charge it any more.

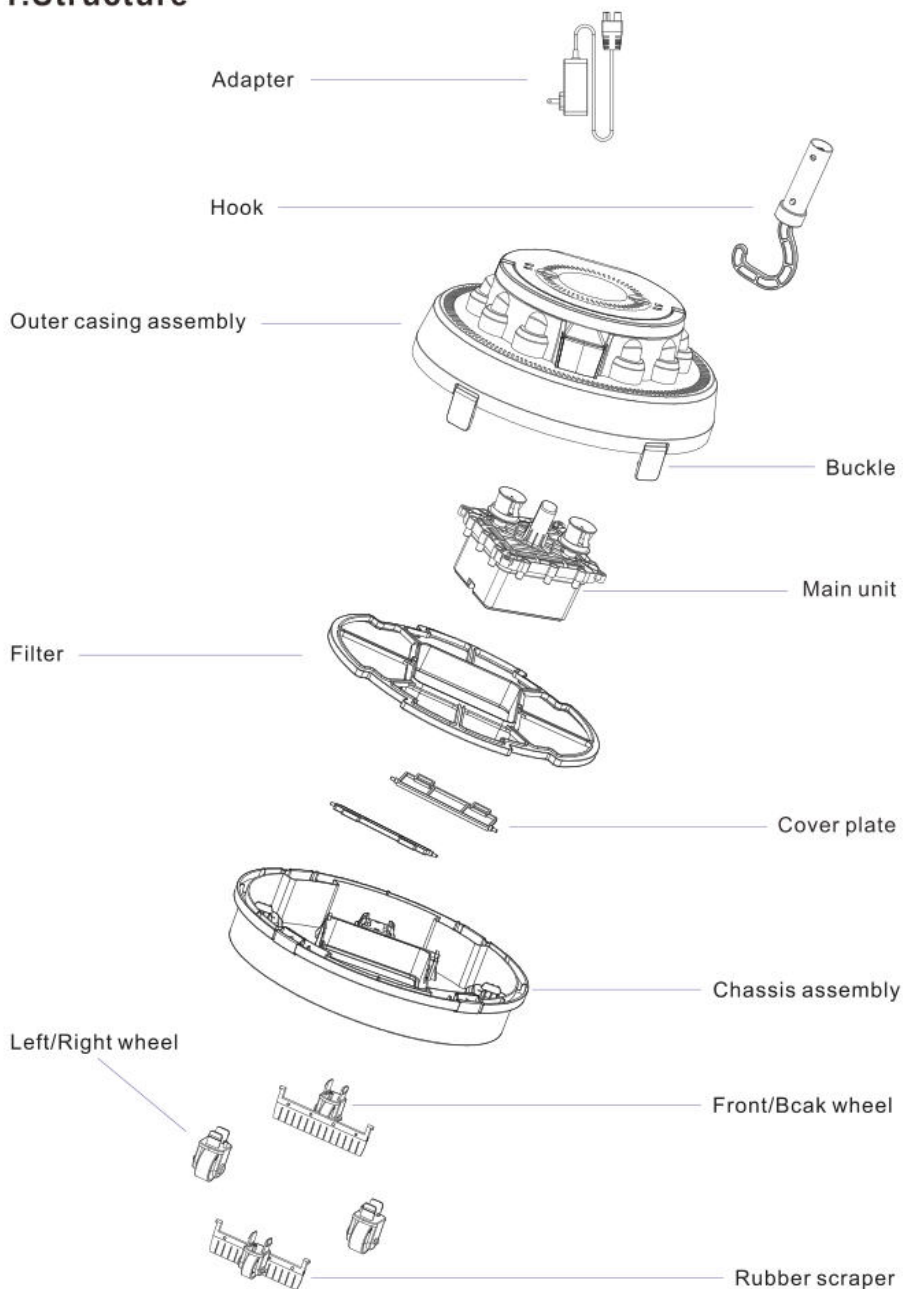
FCC Statement

Note: This equipment has been tested and found to comply with the limits according to Part 15 of the FCC Rules of a Class B digital device. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications or persons. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorientate or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Plug the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the manufacturer or an experienced radio/TV technician for help.
- Please note that changes or modifications of this product are not expressly approved by the party responsible for compliance, and unauthorized modifications could void user's authority to operate the equipment.

Product introduction

1. Structure

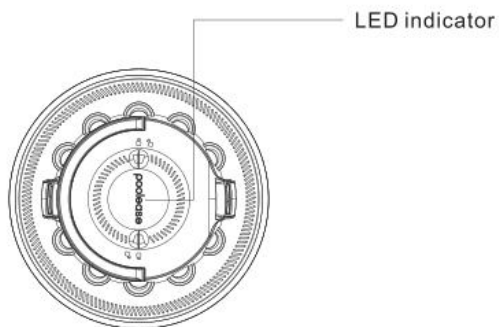


2.Product Specification

1.Charger input:	100—240V AC/0.8A
2.Charger output:	15V/1.8A
3.Battery pack voltage:	11.1V
4.Battery capacity:	4300mAh
5.Charging time:	around 3 hours
6.Waterproof level:	IPX8
7.Cleaning coverage:	Pool floor
8.Maximum water depth:	6.6ft(2m)
9.Applicable area	861Sq.Ft(80m²)
10.Net weight:	4.1kg
11.Gross weight:	5.6kg
12.Package size:	415*340*178mm

3.LED indicator

Robot Condition	Indication Condition	LED light	Notes
Battery state	Low Battery	Red(<10%)	-
	Normal Battery	Green($\geq 10\%$)	-
	Charging	Red(Breathing)	-
	Charging Complete	Green	Beep(5s)
Normal Cleaning	-	Green(Flashing)	-



4.Function Setting Introduction

a. Water sensor (60s continuous detection).

This robot can only operate in water. Therefore, when you turn on the power, the sensor will detect whether the robot is on land or in water. If you don't place it in water within the default 1-minute timeframe, the robot will automatically shut down, and you will need to turn the power on again.

b. Water entry delay.

The robot detects whether it has reached the bottom of the pool through IMU sensor, and after reaching the bottom for 5 seconds, it starts working

c. Automatic reverse function.

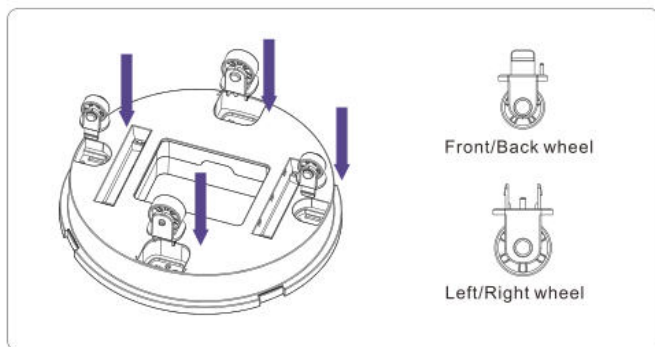
When the robot touches the pool wall, it will automatically reverse within 4-9seconds.

d. Intelligent self-parking.

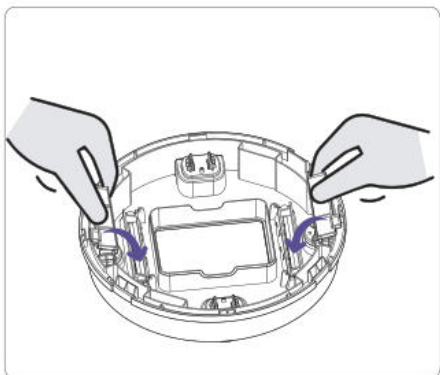
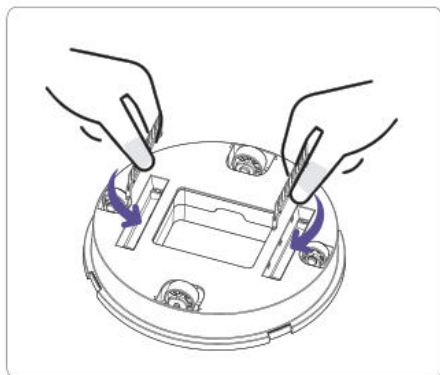
When the battery is shortage ($\leq 10\%$) the robot will automatically land close to the wall, it's easy for user to take it out from the water.

5.How to install

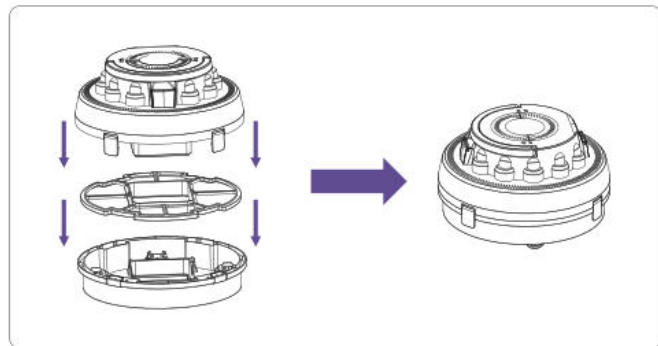
a. For the first use, distinguish the size of wheels according to their size, align the wheels with their positions, and simply press them in.



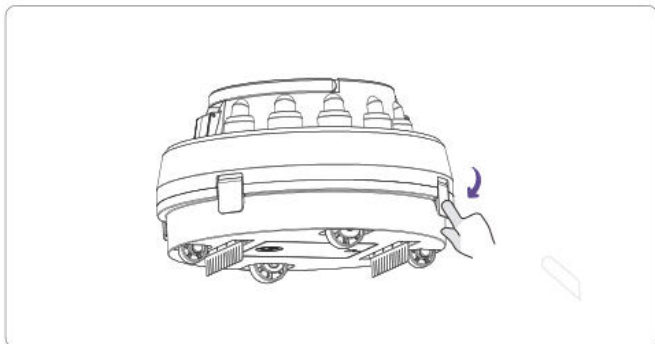
b. Insert 2 scrapers and 2 cover plates on the chassis assembly.



c. Install all functional components of the machine as shown in the following figure , ensuring that the upper shell is securely connected to the chassis.

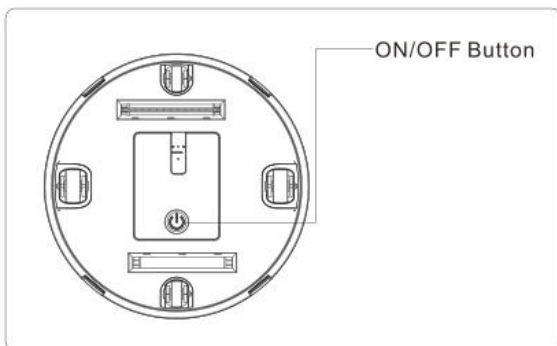


d. Lock the outer casing assembly with 4 buckles.

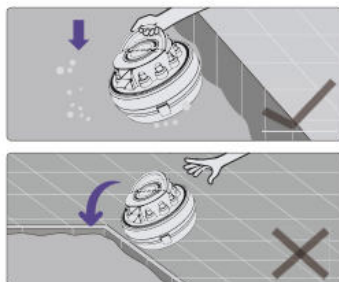
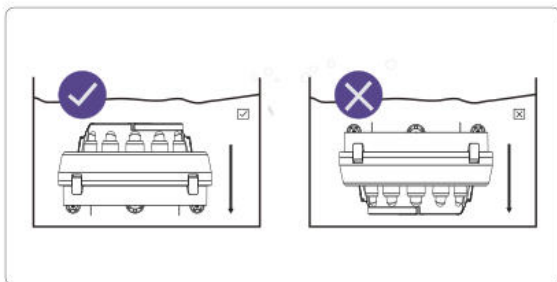


6. How to use

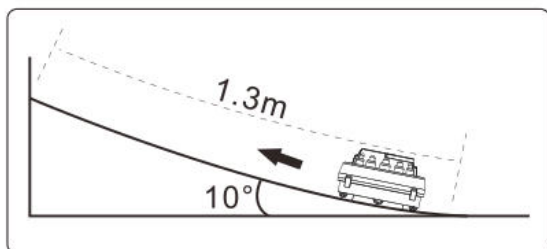
a. Please find the red ON/OFF button on the robot bottom, press the button and hold it for 3s to turn on, after 1 minute, it will shut down without into water.



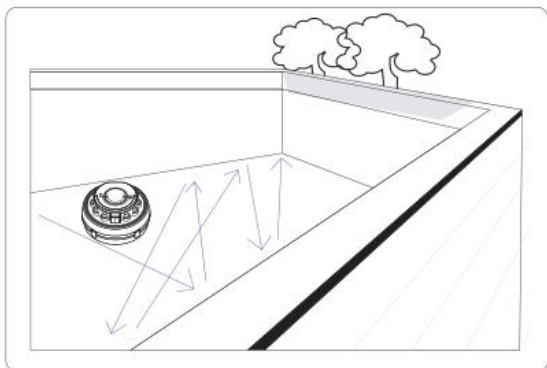
b. Do not throw the machine high into the water. The correct way is to put it slowly into the water by the pool. The machine detects whether it has reached the bottom of the pool through IMU sensor, and after reaching the bottom for 5 seconds, it starts working.



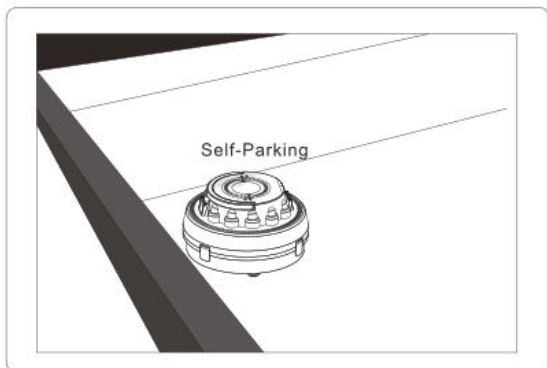
c. Suitable for pool bottoms with a slope of less than 10 degrees, a slope length of 1.3 meters, and a maximum water depth of 2 meters.



d. The robot will move and collect sediment automatically on the pool floor, this robot is only for pool floor cleaning, it will be shuttled on the floor and turned direction when it's closed to the pool wall. It will take about 4-9s for reverse.

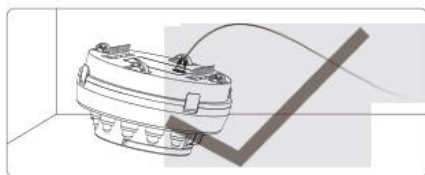
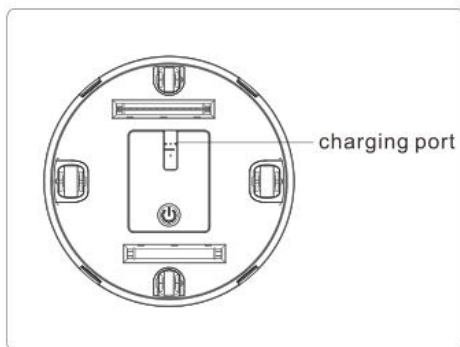


e. One cleaning cycle takes approximately 90 minutes. If the battery is low, the robot will keep its red light on and automatically move along the pool wall.



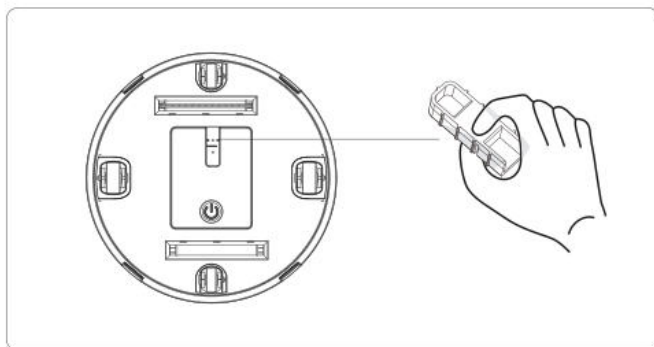
7. How to charge

- Please use matched adaptor for robot charging.
- Please keep the bottom of the machine facing upwards, and plug the adaptor in, the LED will flash in red, that means it's charging.
- The normal charging time is around 3 hours, the LED will turn to green if the battery is full charged, and the robot will "beep" for 5 times.



Attention:

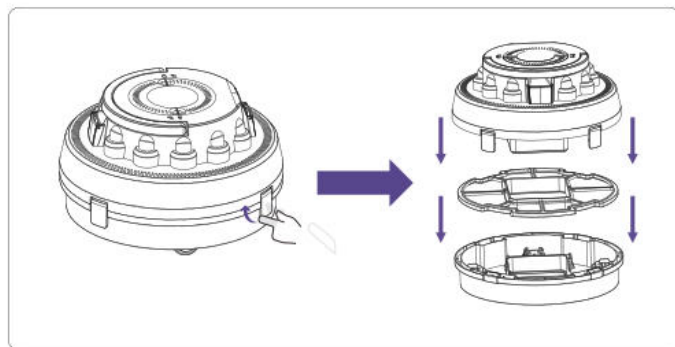
Before charging, remove the silicone plug from the charging port. After charging, remember to fill the silicone plug into the charging port to protect the charging electrode from corrosion



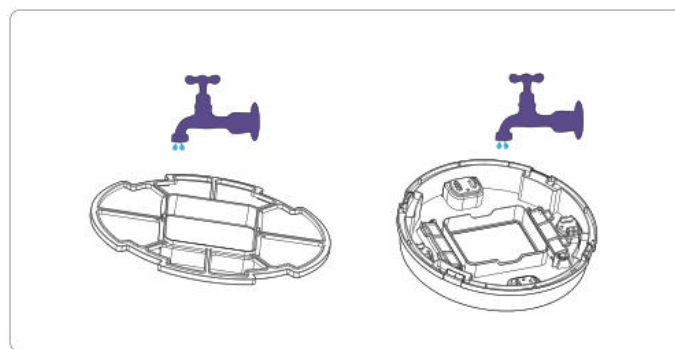
Routine maintenance

1. Disassemble the robot.

Open the four buckles around the cleaning machine and slowly remove the upper cover from the top.



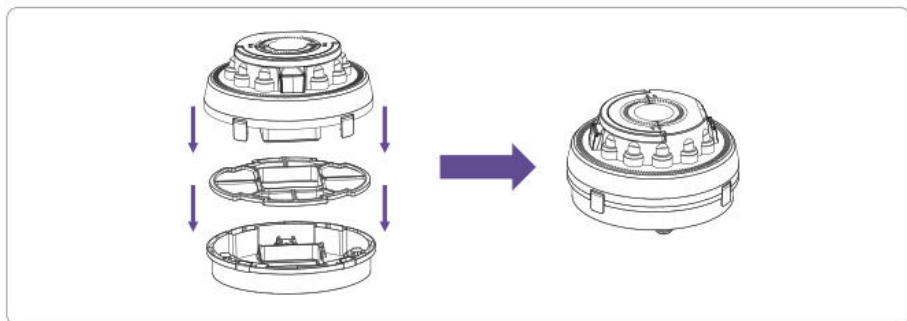
2. Clean the filter screen and chassis.



Attention:

If the machine works in a relatively dirty swimming pool environment, it may be difficult to move or get stuck. Please check if the filter has been blocked by dirt or wheels may absorb some dirt especially the left and right wheels. please clean the machine with water

3. Install the machine



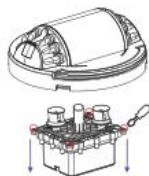
4. Long term storage.

When the machine is stored for a long time, please clean and wipe all parts of the machine, fully charge the machine with a charger, and store it in a cool place. And recharge every three months to maintain the battery level between 40% -70%. Please use the original factory authorized power adapter. If the machine's battery is not charged for a long time, due to self discharge of the battery, its voltage will be lower than the discharge protection voltage, which may cause fatal damage to the machine's battery.

Attention:

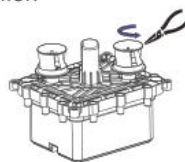
Long term operation of the machine may cause the impeller to become tangled with hair during rotation, resulting in malfunction. Please check the impeller every two months and cut off the tangled hair

- 1) Remove the screws (see illustration) to detach the main unit from the upper cover.

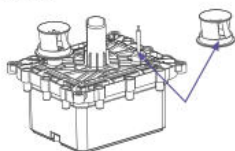


Note: Please keep the power off during operation.

- 2) Use needle-nose pliers to remove the small screw on the impeller to detach the impeller.



- 3) Clean the hair tangled on the motor shaft and impeller.



- 4) After cleaning, reassemble the impeller and main unit in order.

Troubleshooting

Status of Robot	Probable Cause	Solution
No response after power on	Electricity shortage	Charge the robot
The robot can't move	The filter is blocked	Clean the filter
	The wheel is stuck	Clean the wheels
The robot can't charge	Loose contact	Check if there is any debris blocking the charging port, dry the water inside the charging port.

Status of LED	Probable Cause	Solution
The LED light is off	Electricity shortage	Charge the robot
Red(Flashing*2& repeat)	Motor abnormal (high temperature)	Restart after 30min
Green(Flashing*2& repeat)	Motor abnormal (large current)	
Red(Flashing*3& repeat)	PCBA abnormal (high temperature)	
Green(Flashing*3& repeat)	PCBA abnormal (large current)	
Red(Flashing*4& repeat)	Battery abnormal (high temperature)	
Green(Flashing*4& repeat)	Battery abnormal (large current)	
Green(Flashing*2-Flashing*2 & repeat)	Water enters the interior of the Robot	Contact after-sales service

Packing list

No.	Name	Quantity
1	Robot	1
2	Left/right wheel	2
3	Front/back wheel	2
4	Scraper	4(2 additional)
5	Hook	1
6	Adapter	1
7	User manual	1
8	Guide card	1
9	Silicone protective plug	2(1 additional)
10	Cover plate	2



Limited One-Year Warranty

poolease products warranty extends only to the original customer purchaser of the product and does not extend to any product that has been used for commercial, rental, or any other use in which the product is not intended for. It is warranted by the manufacturer to be free from all defects in materials or workmanship for a period of one year from the date of original purchase.

Exclusions From The Terms Of The Limited Warranty

This warranty does not cover normal wear and tears parts and does not apply to any product that has been tempered with or used for commercial purposes. This warranty does not cover damage caused by abuse, accident, alteration, misuse, tampering or vandalism, negligent handling or damage due to mishandling in transit or shipping. This warranty does not cover damage or defects caused by or resulting from repairs, service or alterations to the product or any of its parts, which have been performed by a repair person not authorized by the manufacturer. This warranty does not apply to any product used in violation of the written instructions provided by the manufacturer, nor does it apply to products whose serial numbers have been removed, altered, defaced, or are illegible.

Support

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