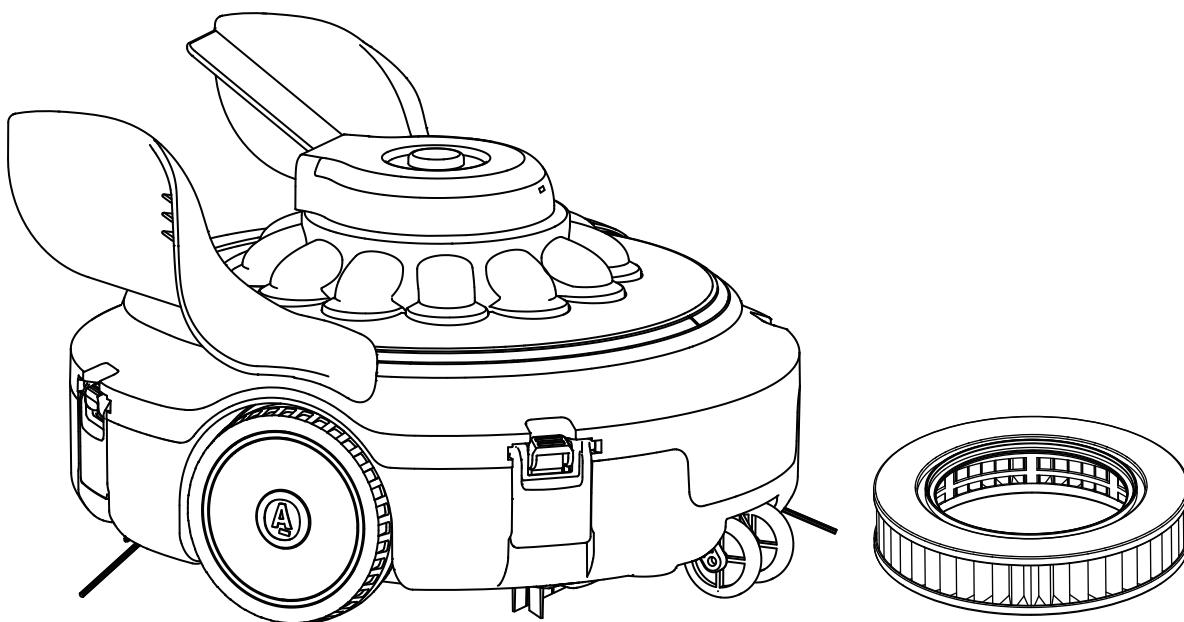


Aquajack 700

**Robotic cleaner for inground
swimming pool cleaning**

Instruction manual



Battery: 7.4V /13000mAh
Charging power: 8.4V DC, 3.0A

Motor voltage: 7.4V DC
Waterproof grade: IPX8



Ningbo Poolstar Pool Products Co., Ltd

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SAFETY WARNING

When installing and using this electrical equipment, you should always follow the basic safety precautions. Please read the following carefully.

Warning!

The cleaner is not a toy, and is operated by people older than 8 years age. Any people who operates the cleaner, has to read the manual carefully before work it.

- (1)The cleaner is designed to clean the swimming pool.
- (2)Please use the original batteries and charger when using.
- (3)Only charging it when the cleaner is power off.
- (4)Put the cleaner into a clean and dry place. Do not expose it under the sun, or close to explosive.
- (5)The cleaner automatically stops to work when it is out of water.
- (6)Do not close to the vacuum head when it is working, due to its suction power, especially for the human body, animals, hairs or clothes.
- (7)Do not disassemble the cleaner without professional guidance or notice from the authorized distributor or manufacturer.
- (8)Do not leak the lubricant oil, and it causes water polluted.
- (9)Stop to work the cleaner when there is anything wrong; Please contact with the authorized distributor or replace it to the original parts/accessories.
- (10)Cleaner working conditions:
 - (10)-1 Maximum applicable water depth: 3 m (10 ft)
 - (10)-2 Water temperature: 4°C(39.2°F)-35°C(95°F)

1. Charger

- (1)Use the original charger provided only.
- (2)For indoor use only. The charger should not be used outdoor and not be exposed to rain, humidity, any liquid or heat.
- (3)Keep the charger out of children.
- (4)Never use the charger if any damage is found.

- (5) Do not handle the cleaner and charger with wet hands and bare feet, when charging the cleaner.
- (6) Disconnect the charger from power when not in use.
- (7) If the wire is damaged, it must be replaced by a new charger to avoid danger.
- (8) Make sure the cleaner and charger are totally dry before charging.
- (9) Charge the cleaner 8 hours prior to the first use. Normally cleaner can be operated about 120 minutes after fully charged.

2. Battery disposal

- (1) The cleaner battery is a lithium battery, it must be disposed properly, please contact with your local authority for more information.
- (2) Never attempt to disassemble the lithium battery.
- (3) Remove all personal items such as rings, bracelets, necklaces and watches when unwiring a lithium battery from the vacuum unit.
- (4) The battery causes short circuit current, as well as severe burning when it is high enough.
- (5) Wear complete eye protection, gloves and protective clothing when removing the battery pack.
- (6) No smoking or sparkling flame near the cleaner, or it may cause unknown gases.
- (7) If acid comes in contact with skin and clothing, wash immediately with plenty of soap and water.
- (8) If acid comes in contact with eyes, immediately flood eye with running cool water for at least 15 minutes, Get medical attention immediately.

Above warning and cautions are not intended to incorporate all possible instances for risks and/or severe injury. Pool/spa owners should always exercise intensive caution and common sense when operating the cleaner.

Assembly

A: Upper cover

B: Cartridge filter

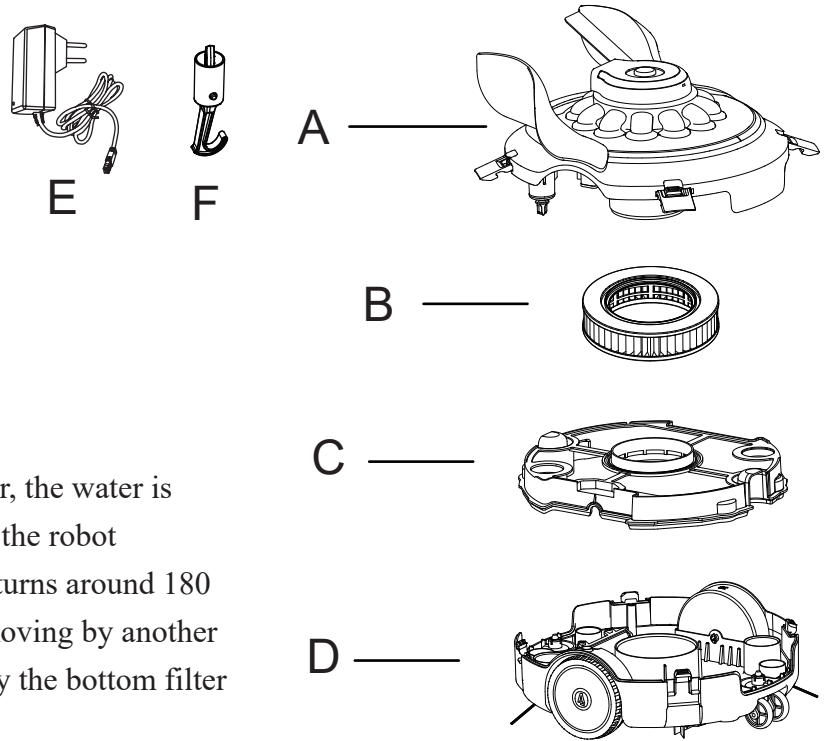
(ONLY assembling it while small
micro dust cleaning needed)

C: Filter

D: Bottom base

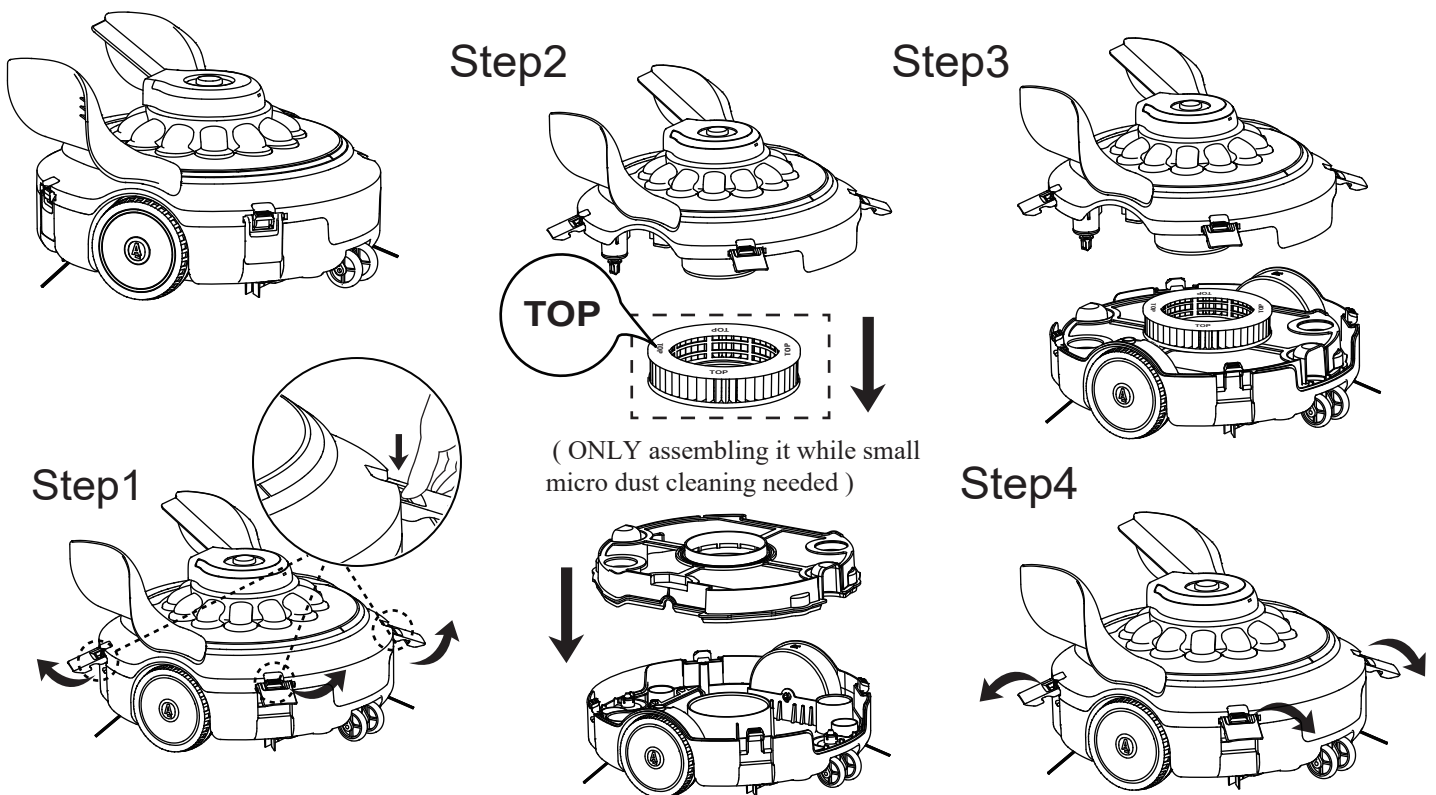
E: Charger

F: Hook



There is a rotation jet head at the upper cover, the water is passing from bottom to the jet head to make the robot moving. While facing obstacle, the jet head turns around 180 degrees, the robot rounds the obstacle and moving by another line. The rubbish is collected and installed by the bottom filter cabine.

Assembly and operation



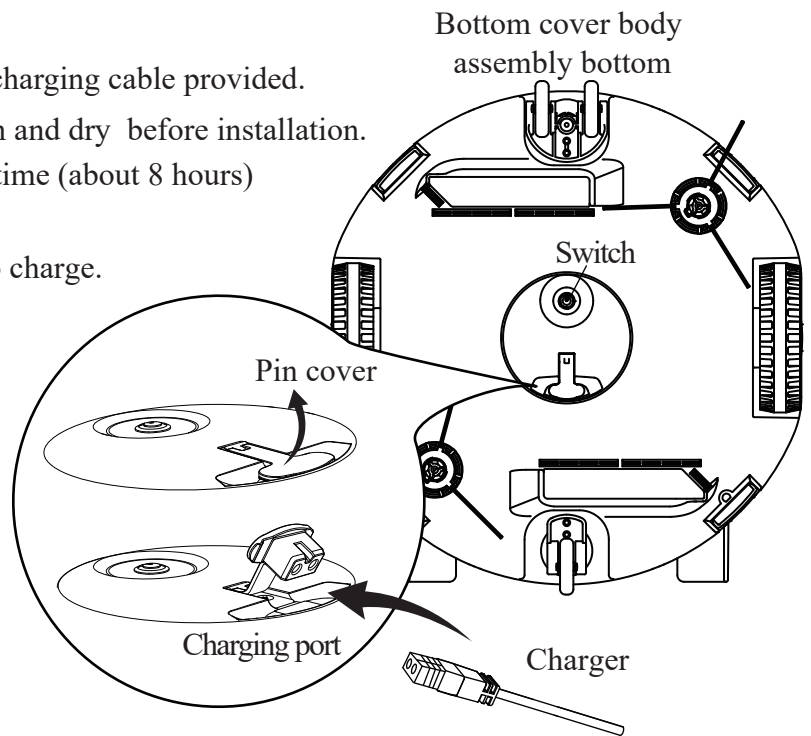
Charging warning

- Use only the original external adapter and the charging cable provided.
- Make sure the robot and charger ports are clean and dry before installation.
- Power up the robot before using it for the first time (about 8 hours)

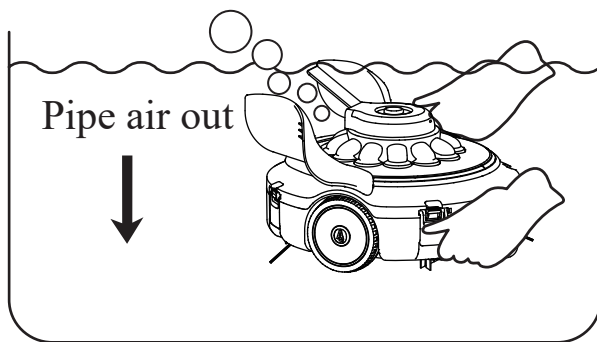
1. Take off the pin cover before charging.
2. Plug charger into the charging port, then start to charge.

Note: Once the robot starts charging, the indicator light on the external adapter will turn red. When the robot is fully charged, the indicator light will turn green.

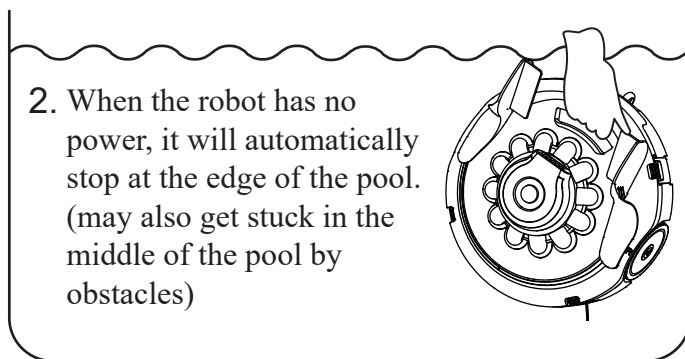
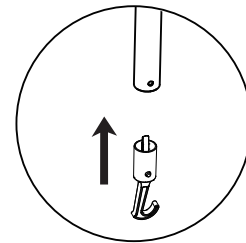
3. After charging, put the pin cover back to charging port, and to be sure the pin cover is fully sealed before entering into the water.



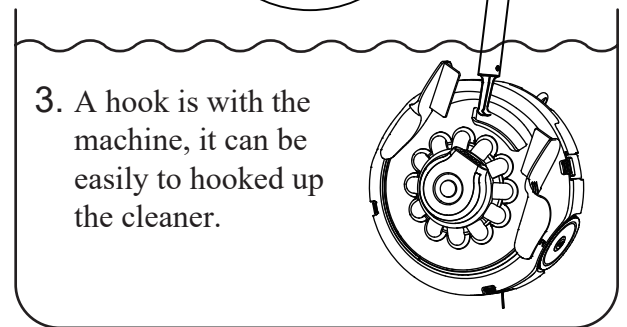
Power on



1. Turn on the switch, the indicator lights up, put the robot horizontally into the pool, and wait for the robot to sink freely down to the pool bottom, it takes around 20-30 seconds to pipe air out first.



2. When the robot has no power, it will automatically stop at the edge of the pool. (may also get stuck in the middle of the pool by obstacles)

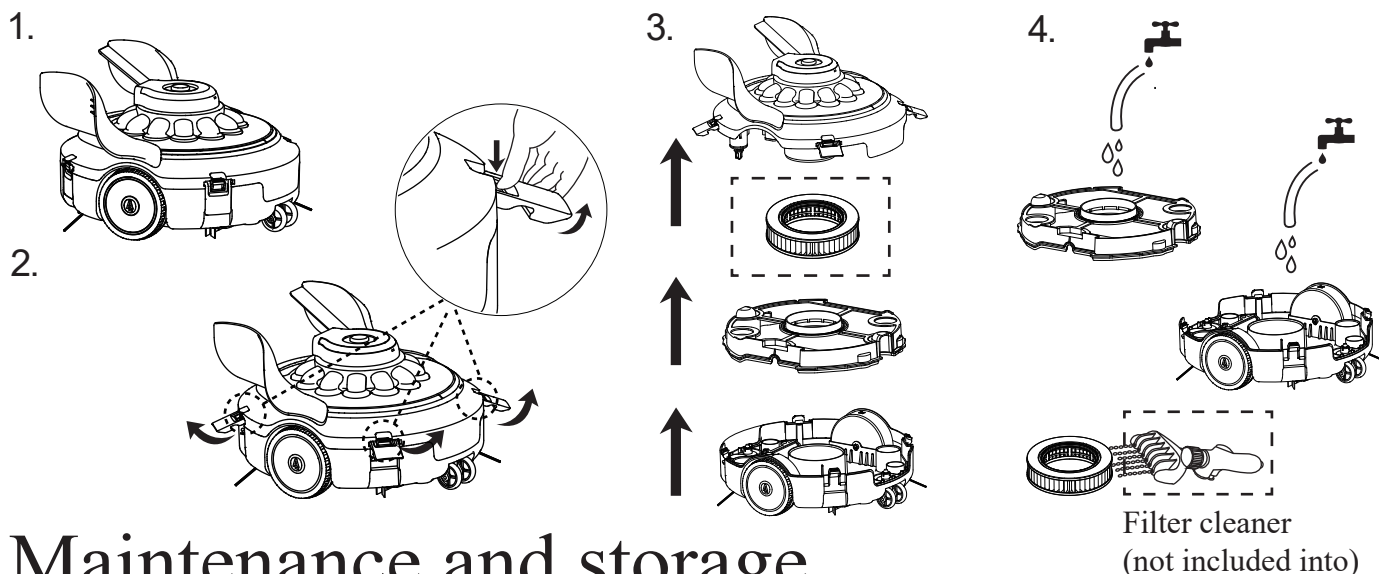


3. A hook is with the machine, it can be easily hooked up the cleaner.

Note:

1. It is recommended to turn off the filtration system as the water circulation in the pool may affect the robot's motion mode.
2. Any obstacle in the swimming pool will affect the robot's crawling and cleaning track, such as ladder.
3. If you are using a brine tank, make sure that all the salt is dissolved before putting the robot into the water.

Garbage disposal



Maintenance and storage

1. The battery discharges itself during storage. Make sure the robot is fully charged before storage.

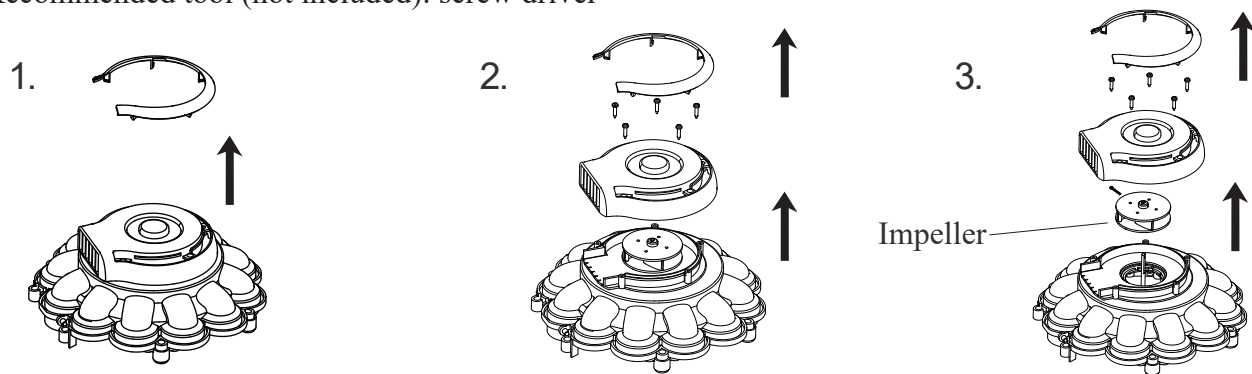
2. When not in use, you must recharge the battery at least every three months.

- Unplug the external adapter from the socket and then the charging cable from the external adapter and the robot.
- Remove the attachment from the robot. If necessary, rinse the robot and accessories with clean water. Do not use detergent.
- Before storage, make sure the robot is drained.
- Use a wet cloth to clean and dry the robot and its accessories.
- Store in a well ventilated place away from sunlight, heat, fire sources, pool chemicals and children.
- The storage environment temperature should be 10 °C – 25 °C (50 °F – 77°F).

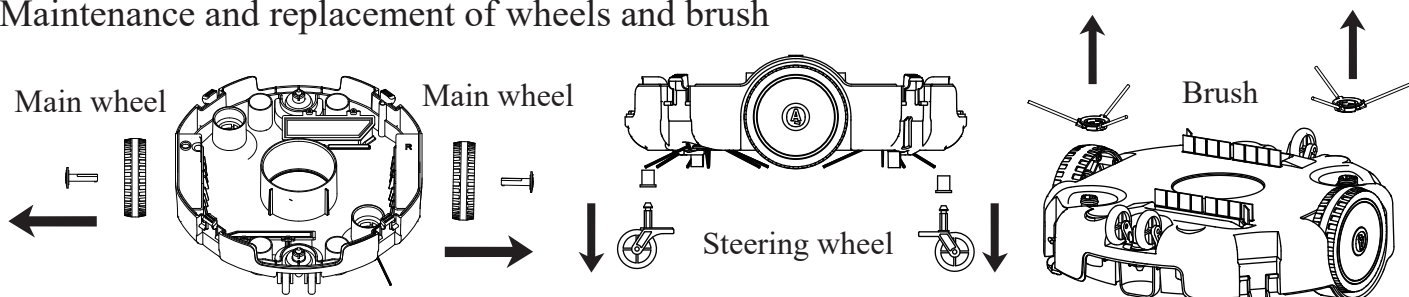
Note: higher storage temperatures may shorten battery life.

Maintenance and replacement of impeller

Recommended tool (not included): screw driver



Maintenance and replacement of wheels and brush



Note: the main wheel on this side has magnets.
Please contact the dealer for replacement or maintenance.

Battery assembly and replacement

Warning!

Do not treat electrical appliances as unclassified municipal waste, use separate collection facilities. For information on available collection systems, contact your local government.

- Do not remove the lithium battery without authorization.
- When removing the lithium battery from the vacuum device, please remove the ring, bracelet, necklace and watch.
- The short-circuit current generated by a battery is enough to adsorb the ring (or similar items), causing severe burns.
- Before removing the battery pack, please wear eye protection cover, gloves and protective clothing.
- Be careful not to touch the wire or any metal parts, or it will cause spark or short circuit.
- Do not smoke, spark or flame near the cleaner, or it will ignite the battery and produce gas.
- Avoid exposing the battery to fire or high temperature, otherwise it may cause explosion.

Note!

In case of battery leakage, avoid contact with the damaged battery and put it in a plastic bag.

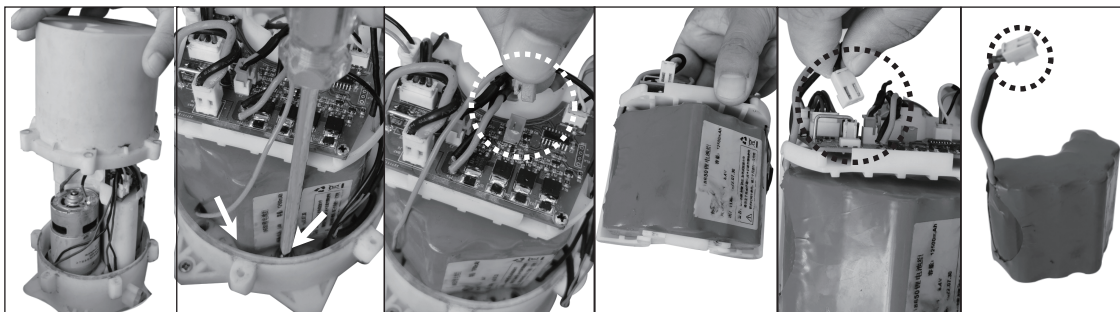
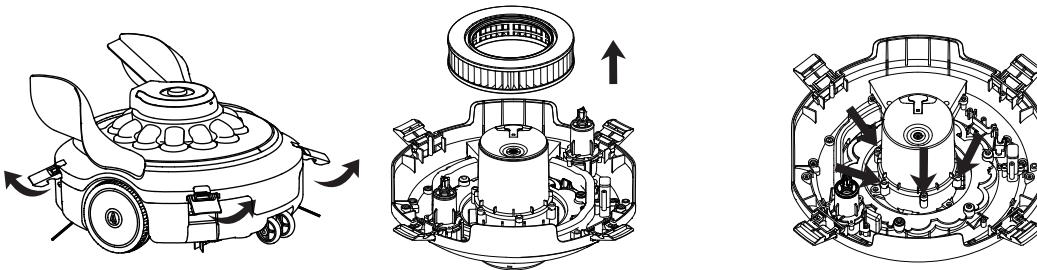
If skin or clothing is in contact with acid, wash immediately with plenty of soap and water.

If the eyes are in contact with acid, rinse the eyes with water for at least 15 minutes and send them to a doctor for treatment.

Battery replacement

NOTE: User must consult dealer before any battery replacement.

1. Pull out the clips of the core part of the upper cover outward and separate it from the body assembly of the bottom cover, take out the Micro particles filter.
2. Use a screwdriver to remove all screws on the power cover of the bottom cover.



3. Open the battery cover, As shown in the figure take out the battery.

Note: wrap the connector with insulating tape immediately to avoid short circuit caused by contact between two wire terminals.

4. According to the disassembly steps, re install the battery and assemble the charging parts.

Note: (1) if there are impurities in the seal ring, clean it and install it back into the seal ring groove.

(2) Pay attention to the assembly direction. The six screw holes must be aligned to lock the screws.

Trouble shooting

If you have problems with your cleaner, follow the troubleshooting steps below to restore performance.

Note: turn off the power before making any repairs.

Problem	Possible causes	Solution
Robots don't capture debris.	The battery is low.	Then charge the robot.
	Impeller stuck.	Turn off the power supply of the robot and visually check whether the impeller rotates. If necessary, contact your dealer for further instructions. Warning! Before servicing the equipment, make sure that the robot is turned off.
	Impeller damaged.	Please contact your dealer for replacement.
	The glove box is full.	Clean the glove box and filter cover.
The robot stops moving in the middle of the pool (the rotating head is still turning).	The robot was stopped by an obstacle.	Check the cleaner for obstructions. Remove obstacles.
	The robot is blocked by the suction of the main pool floor drain.	Turn off the filtration system (see instructions in the manual).
	The ground is not totally flat	It takes more minutes before moving again or Make the bottom of the pool flat or trim the bottom brush strip. Contact your dealer for replacement parts.
The robot cannot cover the entire pool / move along the wall of the pool.	The glove box is full.	Clean the glove box and filter cover.
	The operation time was shorter than expected.	Clean the filter chamber and recharge the robot for 8 hours.
	The water circulation generated by the filtration system interrupts the direction of movement.	Turn off the filtration system (see instructions in the manual).
	The wheel is stuck.	Check and remove debris from the wheels.
The robot moves slowly.	The glove box is full.	Clean the glove box and filter cover.
The turning head does not rotate or rotates obviously slowly.	The bottom of the swivel is stuck.	The glove box is full, check and remove any debris that may be stuck under the rotating head. It can be rotated by hand and rinsed with water until smooth.
	The glove box is full.	Clean the glove box and filter cover.

The debris escaped from the robot.	The valve of the suction nozzle (bottom of the cleaner) is broken.	The baffle at the suction cup is like a door to prevent debris from escaping from the debris chamber. Contact your dealer for replacement parts and instructions.
Debris enters the outside of the filter cover.	The filter cover is damaged.	Replace the filter cover with a new one. Please contact your dealer for replacement parts.
The robot can still work without water.	The water of the robot is not dry, and the contact is short circuited, so the robot can still work without water.	Leave it outside the water for a few seconds and wait for the water to dry
	There is garbage at the contact point, such as wet hair, which causes short circuit of the contact.	Remove hair and other rubbish with tools
	Circuit board damaged	Please contact the dealer for replacement.
If the charger shows red light all the time, it cannot change to green light more than 8h.	Battery damage.	Please contact the dealer to replace the battery. Warning! Don't turn on the robot and serious or fatal injury, so the warranty will not be valid.
If the charger change to green light in a very short time, and the device also only work for a short time(within half an hour, need multiple validation).		
When the product starts to charge after the work is over,if the charger shows green light all the time. (Make sure the charger cable is properly and completely connected to the external adapter and robot.)	Charger is damaged.	Contact the dealer for replacement. Warning! Using the wrong external adapter will result in damage to the robot / battery and void the warranty.
If the charger light does not light any more.		
Switch not working or out	There is rubbish around the sener or sensor oxidataion	<p>Cleaning the senser by a paper, or a cloth, or a brush, as pics; or see video online</p> 