

SMART ROBOT VACCUM CLEANER

Instruction manual



Dear consumer, Please read these instructions carefully before use in order to avoid damage due to incorrect use and to better understand the functions of this product. Please pay particular attention to the safety guide.

If you pass the device on to a third party, these Operating Instructions must also be handed over.

IMPORTANT SAFEGUARDS

- ❑ Please read these instructions carefully before use.
- ❑ Keep present instructions for future references.
- ❑ Check that your mains voltage corresponds to that stated on the appliance.
- ❑ Only use the appliance for domestic purposes and household or similar applications such as:
 - Staff kitchen areas, in shops, offices and other working environments;
 - By clients in hotels, motels and other residential type environments;
 - Environment type like :
 - Farm Houses • Bed and Breakfast.
- ❑ Only use the appliance in the way indicated in these instructions.
- ❑ Never use this unit near bathtub, shower, wash-hand basins or other containers with water.
- ❑ Never use this apparatus near water projections.
- ❑ Never use this apparatus with the wet hands.
- ❑ If, unfortunately the apparatus is wet, immediately withdraw the cord of the socket-outlet.
- ❑ Inform potential users of these instructions.
- ❑ Never leave the appliance unsupervised when in use.
- ❑ The appliance must be used only for its intended purpose. No responsibility can be taken for any possible damage caused by incorrect use or improper handling.
- ❑ Children and persons with disabilities are not always aware of the danger posed by the use of appliances.
- ❑ This device can be used by children aged 8 years and older and adults, with reduced physical, sensory or mental capabilities or lack of experience and knowledge, if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.

- Children shall not play with the appliance.
- Cleaning and user maintenance shall not be made by children unless they are supervised.
- A hazard may occur if the robot runs over the supply cord.
- Keep the appliance and its cord out of reach of children aged less than 8 years of age when it is energized or cooling down.
- This device is not a toy, do not leave children or people with disabilities to play with.
- In order to ensure your children's safety, please keep all packaging (plastic bags, boxes, polystyrene etc.) out of their reach.
- Caution ! Do not allow small children to play with the foil :
THERE IS A DANGER OF SUFFOCATION !
- From time to time check the cord for damages. Never use the appliance if cord or appliance shows any signs of damage.
- Never immerse the appliance in water or any other liquid for any reason whatsoever.
- Never place it into the dishwasher.
- Never use the appliance near hot surfaces.
- Do not operate the appliance with a damaged cord or plug, or after the appliance has been damaged in any manner.
- Disconnect the power source cable before any operation of cleaning of maintenance and accessories assembly.
- Never use the appliance outside and always place it in a dry environment.
- Never use accessories, which are not recommended by the producer. They could constitute a danger to the user and risk to damage the appliance.
- The appliance is only to be used with the power supply unit provided with the appliance.
- The robot must only be supplied at safety extra low voltage corresponding to the marking on the appliance.
- Never move the appliance by pulling the cord. Make sure the cord cannot get caught in any way.

- ❑ Never wind the cord around the appliance and do not bend it
- ❑ Ensure that the power cord does not come into contact with hot parts of this unit.
- ❑ Make sure the appliance has cooled down before cleaning and storing it.
- ❑ The temperature of accessible surfaces may be very high when the appliance is operating. Never touch these parts, of apparatus, to avoid burning itself.
- ❑ Make sure the appliance never comes into contact with flammable materials, such as curtains, cloth, etc...& the power cord and plug do not come in contact with water.
- ❑ Before cleaning, always unplug the appliance from the power supply and let it cool down.
- ❑ This appliance is not intended to be operated by means of an external timer or separate remote-control system.
- ❑ Always remove the plug from the wall socket when the appliance is not in use.
- ❑ When using an extension lead always make sure that the entire cable is unwound from the reel. Use solely CE approved extension leads. Input power must be at least 16A, 250V, 3000W.
- ❑ Incorrect operation and improper use can damage the appliance and cause injury to the user.
- ❑ This device, designed for home use, complies with standards relating to this type of product.
- ❑ The item must not be left unattended when it is connected to main supply.
- ❑ The item is not to be used, if it has been dropped or if there are visible signs of damage or if it is leaking.
- ❑ This appliance is only intended for household use.

GENERAL INFORMATION

The symbol "OPEN BOOK" means a recommendation to read important things contained in the record.



The symbol "BIN" crossed out, abbreviation WEEE (Waste of Electrical and Electronic Equipment) means that at the end of life, it should not be discarded with household waste, but filed to the sorting of the locality. Waste recovery can help preserve our environment.



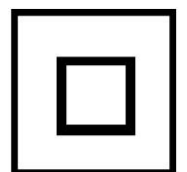
The symbol "CE" is the guarantee of compliance with harmonized European standards, voluntary, reflecting the essential requirements into technical specifications. These standards are not mandatory but are guarantees of compliance with essential requirements.



The symbol ROHS (Restriction of use of some Hazardous Substances) on the Environmental Protection, certifies that for each of the five hazardous substances • Lead • Mercury • (hexavalent) chromium • products for protection against flames PBB and PBDE, the peak concentration is equal to or less than 0.1% of the weight of homogeneous material, and 0.01% for the 6th • cadmium.



The symbol "DOUBLE SQUARE" means a double insulated. A basic insulation and supplementary insulation. This device requires no connection to the mass of a protective conductor grounded. The materials are said : double insulation class II.



The symbol "TRIMAN" indicates that the consumer is invited to dispose the product as part of a separate collection (eg recycling bin, waste, voluntary intake point).



For more information : <http://www.quefairedemesdechets.fr>

CLEANING AND MAINTENANCE

Before cleaning, always switch off the appliance, disconnect the apparatus and let it cool.

Clean the outside of the apparatus with a sponge or slightly wet linen.

Open the lid of the dust container, empty it and clean it with a sponge or a slightly damp cloth.

Once dry, reattach the dust cover.

Never plunge the apparatus in water or all other liquid!

Do not use abrasive cleaners, gritting, or metal brush or another cutting object.

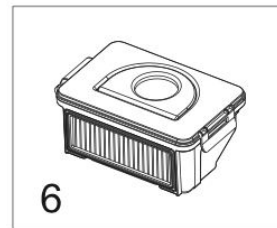
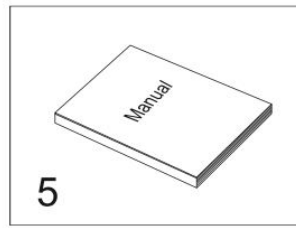
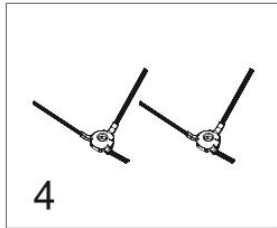
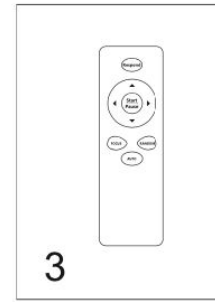
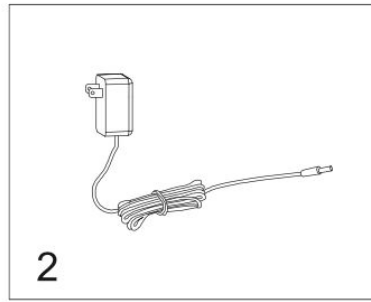
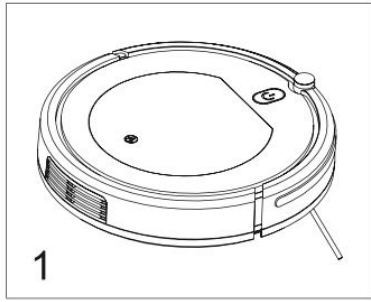
Notes : Do not wash the filter in a washing machine and do not dry it with an electric dryer.

Do not clean the outside of the vacuum cleaner with gasoline oil or any other liquid.

Caution: The rotating brush could break if too much dirt adheres around. It is advisable to clean it after each use once a week.

DESCRIPTION

N°	Designation
1	Host
2	Power Adapter
3	Remote Control
4	Side Brush
5	User Manual
6	Dust bin



IMPORTANT

- Read this manual carefully.
- Before using the appliance, check that the mains voltage corresponds to the voltage indicated on the rating plate.
- Always remove the plug from the power socket when the appliance is not in use and before carrying out any cleaning or maintenance operations.
- Always unplug the power cord before opening the unit.
- Never use methylated spirits or other solvents to clean the appliance.
- Do not use the device to aspirate liquids.
- Never leave the appliance unattended while it is on.
- This unit is for household use only.
- Do not use the device if it appears to be defective in any way.
- For repairs or accessories. Contact your dealer or an authorized service centre.
- Use only the battery supplied with the device. Do not replace it with non-rechargeable batteries.
- Do not pick up hard, sharp objects: lit matches, hot ashes, cigarette butts, or other similar items.
- Do not recover flammable liquids, cleaning products or aerosols.
- Do not use the appliance in a bathroom or laundry room.
- Do not use the appliance with objects: clothing, newspapers and / or electrical cords, dragging on the floor.
- Do not mount on the device.
- Fall down arrest sensor begins to operate 5 seconds after the power is on.
- Unplug the unit and remove the battery if it should not be used for a long time.

Notes : It is normal for the charger to heat to the touch while charging.

Fall down arrest sensor begins to operate 5 seconds after the power is on.

REMOTE CONTROL

Standby mode: the power switch is ON, the machine does not move. Operating mode: the machine sweeps.

1. “Marche/Pause” button

A Under the “operating mode”, the machine enters the random sweeping mode.

B under operating mode, press this button, the machine enters the standby mode.

2. ▲ Haut (UP)

A under the “operating mode”, the machine moves forward by pressing this button.

Under the “standby mode”, the machine does not respond after you press this button.

B ▼ Bas (Down)

Under the “operating mode”, the machine moves backward by pressing this button.

Under the “standby mode”, the machine does not respond after you press this button.

C ◀ Gauche (Left)

Under the “operating mode”, the machine rotates to left by pressing this button.

Under the “standby mode”, the machine does not respond after you press this button.

D ▶ Droit (Right)

Under the “operating mode”, the machine rotates to the right by pressing this button.

Under the “standby mode”, the machine does not respond after you press this button.

3. “Point” (focus) button

Under the “operating mode”, the machine will enter the focus mode after you press this button.

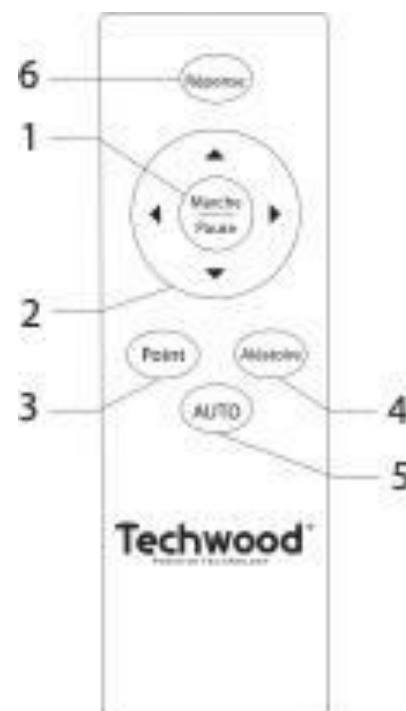
Under the “standby mode”, the machine will enter the focus mode after you press this button.

4. “Aléatoire” (random) button

Under the “operating mode”, the machine will enter the random mode after you press this button.

Under the “standby mode”, the machine does not respond after you press this button.

5. “AUTO” button



Under the “operating mode”, the machine will enter the auto mode after you press this button.

Under the “standby mode”, the machine does not respond after you press this button

6. “Réponse” (Response) button

Under the “operating mode” or “standby mode”, the machine will beep after you press this button.

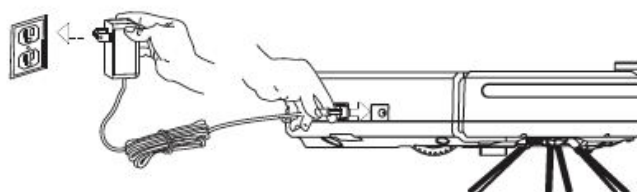
Notes : Assemble two pieces of AAA batteries before use.

If the remote control is not in use for a long time, please take out its batteries.

PRODUCT OPERATION

1. Charging

After Switching off the power switch of the machine, connect the power adapter to power supply and insert the other end into the charging interface of the machine. See the diagram below:



A In case of low power, the red light of the “☺” button of the machine will flicker.

B In the charging process, the green light of the “☺” button of the machine will flicker.

C After the product is charged fully, the green light of the “☺” button of the machine will be on constantly.

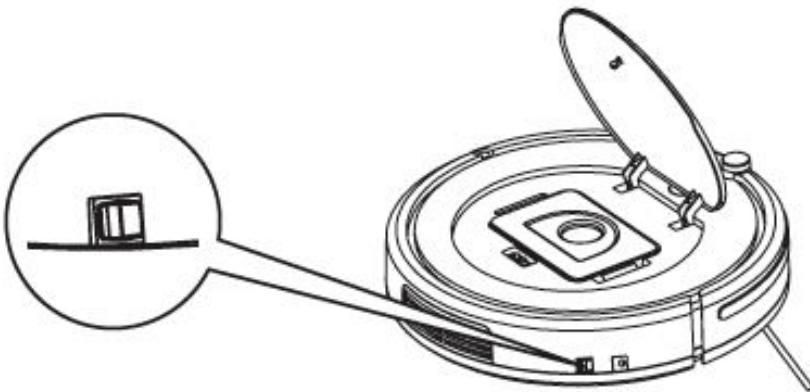
D When the product is charged for the first time, please ensure charging it for 6h at least.

E When the product is turned on and charged, if you remove the power adapter, the “☺” button of the machine will flicker in red and green alternatively to remind you that the power switch is not turned off. If you do not use the machine, please turn off the power switch.

F Please charge the machine fully after you finish using it every time.

G In order to protect the battery, please charge it every 2 months when the machine is turn off.

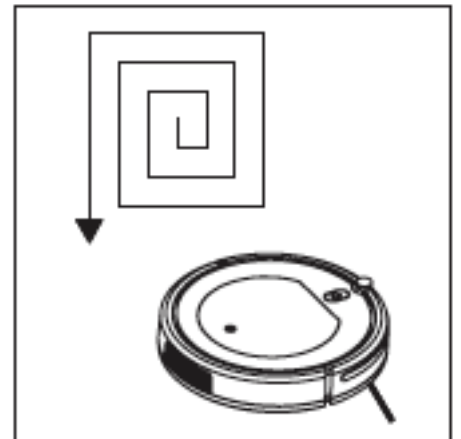
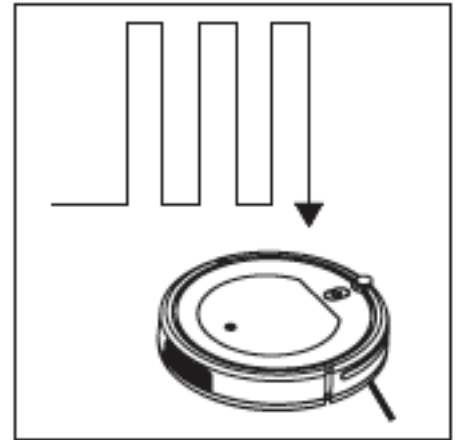
2. Start/stop



A Switch on the power and press the button “Marche/Pause” on the remote control.

B When the machine works normally, the orange light of the button ‘Marche/Pause’ is on constantly.

C When the machine works normally, after you press the button “Marche/Pause” or turn off power, it will stop working.



Notes : Please switch off power in time when the machine does not need to work.
The machine shall not start sweeping when it is being charged.

Sweeping mode

1. AUTO Sweeping

Under the “operating mode”, the machine will enter the auto mode after you press this button

2. Point (Focus Sweeping)


Under the “operating mode” or “standby mode”, the machine will enter the focus mode after you press this button.

3. Aléatoire (Random Sweeping)

Under the standby mode, after you press the “Marche/Pause” button of the remote control or the “☺” button of the machine, the machine will enable the random sweeping mode. Under the operating mode, press the button “random” on the remote control, the machine will start random mode.

Notes : After a sweeping mode is selected, the machine will switch to another sweeping mode automatically according to the actual environment, so as to achieve the best sweeping effect.

Under any sweeping mode, the machine will stop sweeping if you

press either “Marche/ Pause” button of the remote control or the “” button of the machine body.

4. Réponse (ResponSE) function

When the machine is not in the range of visibility or you cannot hear it is working, after you press the button “Réponse” on the remote control, the machine will beep, so that you can find it through the sound.

PRODUCT MAINTENANCE

1. Cleaning of side brushes

If side brushes are dirty, please wash them with clean water and then use them after they get dry naturally. If they are damaged and cannot work normally, please change them.

Notes : When changing side brushes, please correspond the sign “L” and “R” on the side brushes to the position “L” and “R” at the bottom of the machine respectively.

After the machine finishes sweeping, please wash its side brushes to ensure its operation.

2. See The picture below for cleaning the dust bin and strainer.

A After you press the finger sign of the swivelling cover, the cover will open automatically.

B After taking out the dust bin, please check if the suction channel of the host is obstructed by foreign matters and also clean it up.

C Remove the efficient strainer.

D Remove the preliminary strainer.

E Lower the dust bin until dust is poured out.

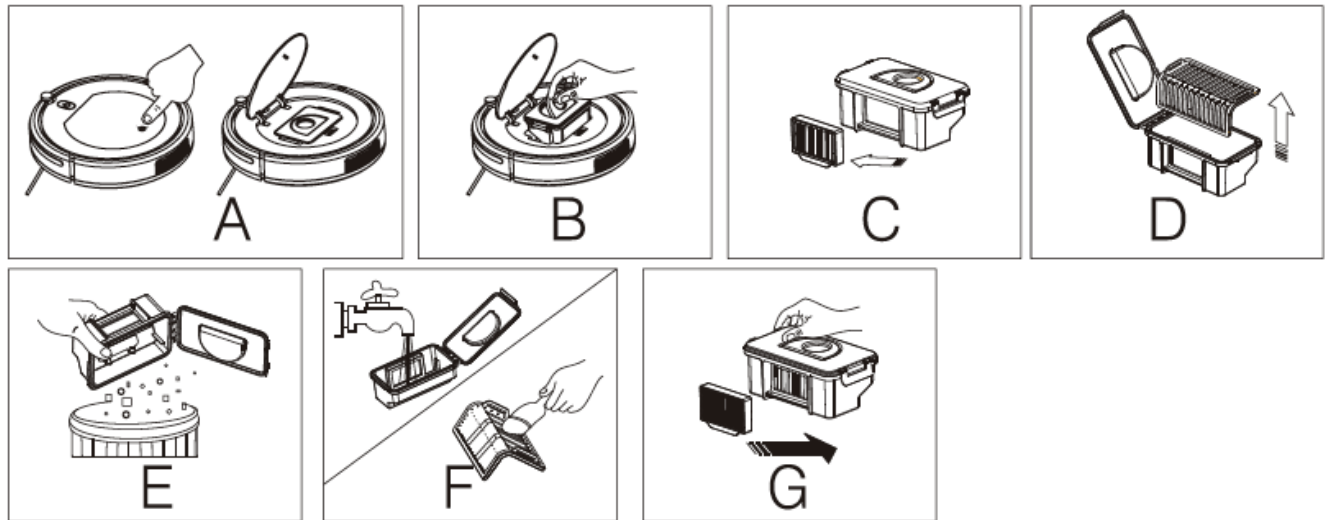
F Clean up the dust bin, preliminary strainer and efficient strainer fully. We suggest cleaning up the efficient strainer once after using it for 15-30 days. The maximum service life of the efficient strainer is 24 months. The efficient strainer shall not be cleaned with a brush but shall be blown with a dryer or knocked slightly by virtue of an external force to make dust fall down. Do not wash it with water.

G Assemble them correctly. Please ensure that two strainers are assembled well to avoid damages to the machine.

Notes : Please clean up the dust bin and the suction channel after sweeping every time.

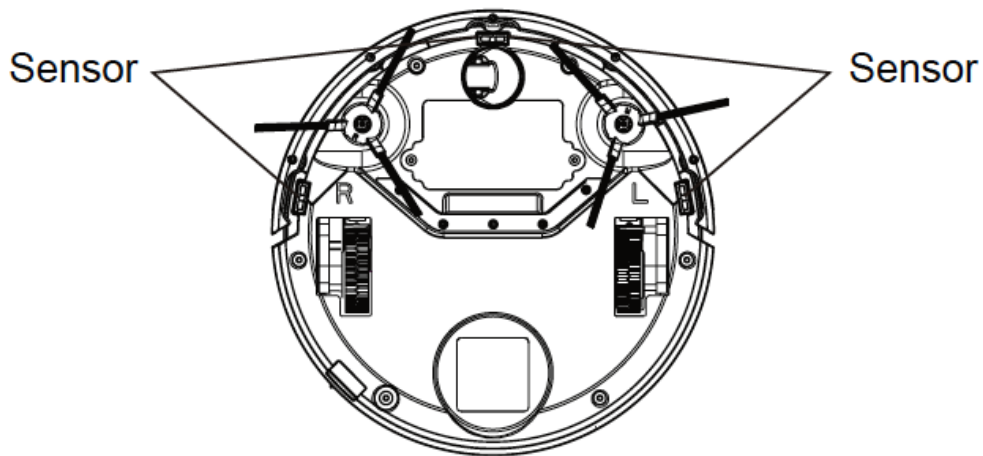
After its components are washed with water, keep them getting dried naturally but do not dry them under the sunshine. They shall be put into the machine for use after they are fully dried to avoid affecting functions and life of the machine.

If the preliminary strainer and the efficient strainer are damaged, they shall be replaced in time to avoid affecting the dust removal result.



3. CLEANING OF SENSOR LENS

Use a cleaning tool or a piece of soft cloth to wipe the sensor slightly. See positions indicated in the diagram below:

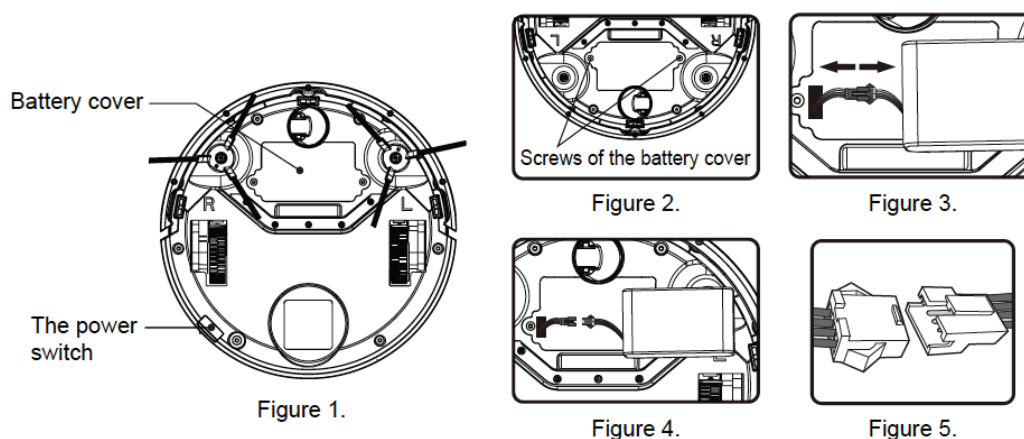


COMMON FAULTS

COMMON FAULTS AND SOLUTION			
N°	Tip	Fault	Solution
1	The red light flickers and the buzzer alarms.	Earth inspection fault.	Put the host on the floor again.
2	The green light flickers and the buzzer alarms.	Side brush overload.	Check the status of side brush.
3	The red and	The Drive wheels	Check the left and

	orange lights flicker alternatively and the buzzer alarms.	are overloaded.	right side wheels.
4	Green/orange light flashes alternatively.	Collision switch fault.	Check the flexibility of the bumper.
5	The orange light flickers for 60s and the buzzer alarms for 10s.	Charging failure.	Replace qualified adapter or batteries.
NOTE	<p>If the problem cannot be solved with the method above, please try the following actions:</p> <p>1 Switch on the power supply at the bottom of the machine again and restart the machine.</p> <p>2 If the problem cannot be solved by restarting, please contact the seller directly and you will get service support soon.</p>		

BATTERY REPLACEMENT



1. Turn off the power switch at the bottom of the product. (Fig1)
2. Use a screwdriver to remove screws of the battery cover at the bottom of the machine. (Fig2)
3. After the battery cover is removed, take out the battery.
4. Slightly open the lock of the battery connecting plug to separate the battery from the host. (Fig3 , Fig.4)
5. The battery conductor colour corresponds to the colour of the machine interface wire, and the installation plug has anti-installation function.(Fig5)
6. Put the new battery into the battery case and keep the face with characters upwards
7. Sort out the electric wire and stuff it besides the battery and then lock the battery cover.
8. Switch on and check if the machine works normally.

Notes : The original manufacturer's battery must be used for replacement, otherwise the main engine may be damaged or accidental. Please refer to the "product parameters" for the battery specification.
After the battery is replaced, the new one shall be charged about 6h for the first time.

USE

- Unwind the power cord completely.
- Check that the voltage in the country where you are, corresponds to the voltage indicated on the device.
- Plug the unit into a good electrical outlet, (earthed if the device is class I), to avoid danger.
- Disconnect the power cable from the power supply before performing any maintenance cleaning and accessory fitting.
- Never modify the device.

STORAGE

- Ensure the unit is completely cool and dry.
- Do not wrap the cord around the appliance, as this will cause damage.
- Keep the appliance in a cool, dry place and out of reach from children.

GUARANTEE

Before being delivered, all our products are subjected to a rigorous control. This apparatus is guaranteed 24 months starting from the date of purchase by the consumer.

The documents in proof of guarantee are:

- The invoice and
- The filled and stamped warrantee plate (located on side or bottom of the gift box). Without these documents in proof, no free replacement, nor no free repair, can be carried out.

During the warranty period, we deal for free, the defects of the apparatus or the accessories, rising from a defect of materials or manufacture by repair or, replacement. The services within the framework of the guarantee do not involve any extension of the warranty period and does not give right to a new guarantee! In the event of recourse to the guarantee, bring back the complete apparatus to your retailer, in its original packing, accompanied by the proofs of purchase.

The breakage of parts out of glass or plastic is, in all the cases, not warranted. Defects on the accessories or the wearing parts (for example: coals of engines, hooks, drive belts, remote control of replacement, teeth brushes of replacement, webs etc) as well as cleaning, maintenance or it replacement of wearing parts are not guaranteed and are thus to pay!

In the event of foreign intervention, the guarantee becomes null and void.
 After flow of the warranty period, repairs can be carried out, against payment, by a specialized trade or a repair service.

SPECIFICATIONS

Unit

Power supply 14.4V \equiv 1.25A

Adapter

Input 100-240V~ 50/60Hz

Output 19.0V \equiv

Norm Class II

INFORMATION PUBLIEE INFORMATION PUBLISHED	VALEUR ET PRECISION VALUE AND PRECISION	UNITE UNIT
MARQUE BRAND	TECHWOOD Sotech International Commercial Registration Number/N°SIRET: 4250992000016 33 Avenue du Maréchal de Lattre de Tassigny 94120 Fontenay sous Bois - France	
REFERENCE MODEL IDENTIFIER	TAR-3061	
Tension d'Entrée Input Voltage	100-240	V
Fréquence du CA d'entrée Input AC frequency	50/60	Hz
Tension de sortie Output voltage	26.5	V
Courant de sortie Output current	0.5	A
Puissance de sortie Output power	13.25	W
Rendement moyen en mode actif Average active efficiency	85.456 (230V) 86.249 (115V)	%
Rendement à faible charge (10%) Efficiency at low load (10%)	79.697(230V) 84.278 (115V)	%
Consommation électrique hors charge No-load power consumption	0.07 (230V) 0.044 (115V)	W

Classification	Item	Parameter
Structural Class	Diameter	290mm
	Net Weight	2,0kg
Electronic Class	Voltage	14,4V
	Battery Capacity	Ni-Mh battery 850 mAh
Sweeping Parameters	Charging mode	Manual charging
	Sweeping mode	Focus sweeping, Random sweeping, Auto sweeping,
	One-time charging time	≤ 300 min
	One-time sweeping time	40-60 min
Host button type		Mechanical button

NOTE: This product shall be stored in the ambient temperature range from 0°C to 40°C.

Made in PRC

The characteristics can change without prior notice.

ENVIRONMENTAL PROTECTION

(Destruction of Ni-MH or Ni-Cd batteries)

The appliance must be disconnected from the main power, when the battery is removed.

To remove the battery:

- Disassemble the unit and remove the battery.
- THE BATTERY MUST BE REMOVED BEFORE THE UNIT IS GIVEN TO REBUS.
- THE BATTERY MUST BE ELIMINATED IN A SAFE WAY. DO NOT THROW IN A TRASH CAN, BUT GIVE IN CENTRE OF WASTE.

CAUTION: In order to minimize the risks of electric shock, In the event of breakdown, not to open the case but to call upon a qualified technician for repairs.

This device complies with EC directives, it was controlled according to all current European directives, applicable such as: electromagnetic compatibility (EMC) and low voltage (LVD).

This device has been designed and manufactured in compliance with the latest regulations and technical requirements for safety.

**Imported by Sotech International
" LE PERIPOLE " N°A-107
33, Avenue du Marechal de Lattre de Tassigny
94120 Fontenay sous-bois - France**