



Powerology

POOLPILOT Cordless Robotic Pool Cleaner

SKU: PWS1PCRBK

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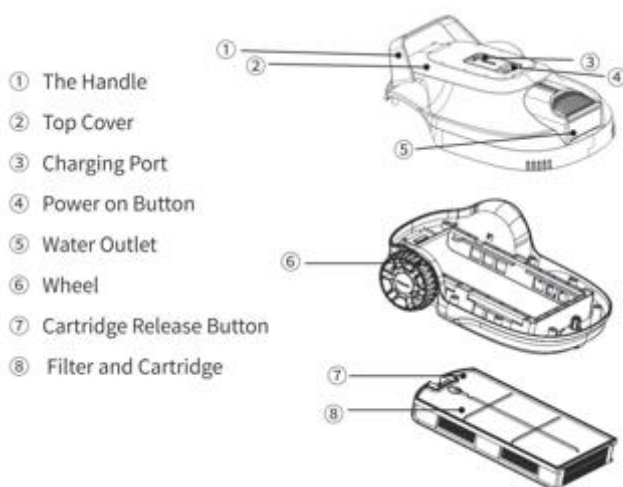
Product Overview

The Powerology POOLPILOT Cordless Robotic Pool Cleaner is designed to clean swimming-pool floors at operating depths from 0.5 to 2.5 m. Its cordless design, automatic water start, auto-parking function, easy-clean filter basket and advanced suction support convenient, thorough pool maintenance.



Structural Diagram

The cleaner incorporates a carrying handle, removable filter cartridge, charging connection, power control, water outlet and wheels for movement across the pool floor.



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|-----------------------------|-------------------------|------------------|
| 1. Handle | 2. Top Cover | 3. Charging Port |
| 4. Power Button | 5. Water Outlet | 6. Wheel |
| 7. Cartridge Release Button | 8. Filter and Cartridge | |

Safety Instructions

Warning:

1. Do not operate the cleaner while people or animals are in the pool.
2. Keep the charger, plug and electrical connections dry and away from the pool.
3. Remove the cleaner from the water before charging, cleaning or servicing it.
4. Charge only with a certified compatible charger of the correct rated output.
5. Do not use the cleaner or charger if it is damaged, leaking, swollen or malfunctioning.
6. If the supply cord is damaged, have it replaced by its service agent or a similarly qualified person to avoid a hazard.
7. Do not disassemble, modify, crush, puncture or expose the cleaner or battery to fire or heat sources.

8. Keep hair, loose clothing, fingers and other body parts away from suction openings and moving parts.
9. Operate, charge and store the lithium-battery cleaner only within the manufacturer-specified temperature range; do not charge it outside the permitted charging-temperature range.
10. Battery protection may stop operation or charging in the event of overcurrent, overvoltage, short circuit or overheating; disconnect charging power, allow the cleaner to cool, and contact service if the condition persists.
11. Do not charge the cleaner while it is operating or in water.
12. Keep the cleaner, built-in battery, charger, cable and removable parts out of the reach of children.
13. Use the charger indoors in a dry location only; do not cover it during charging, do not use it if the cable or housing is damaged, and unplug it by gripping the plug or adapter body, not the cord.
14. Before immersion, verify that the charging-port cover/cap is fully fitted and securely sealed.
15. Do not dispose of this lithium-battery-containing electronic product with household waste; use an approved battery and e-waste collection or recycling route in accordance with local requirements.
16. If battery electrolyte is leaking, stop using the cleaner, avoid contact, rinse skin or eyes immediately with plenty of water if contact occurs, and seek medical advice for eye contact or persistent irritation.
17. Use a properly installed, suitably protected mains outlet, such as an RCD/GFCI-protected outlet where required by local regulations.

Attention:

1. Follow all operating and maintenance instructions.
2. Operate only in swimming pools with a water depth of 0.5–2.5 m and a pH level of 7.0–7.4.
3. Clean the filter basket after each use and remove debris from the suction openings.
4. Do not lift, carry or retrieve the cleaner by the charger cable.

5. Rinse off pool chemicals after use and dry the charging contacts before charging.
6. Store the cleaner and charger in a cool, dry place away from direct sunlight and heat sources.
7. Recharge the battery periodically during extended storage to help preserve battery life.
8. Keep this manual for future safety, operation, maintenance and disposal reference.



Operation and Care

1. Charge the Cleaner:

Remove the cleaner from the pool and ensure the charging port is dry.

Use a certified compatible charger with a 24 V DC, 1 A output and a matching connector/cable.

The charger's 24 V DC output is for charging only; the cleaner operates at 10.95 V.

Connect the charger, rated for 100–240 V AC, 50–60 Hz input, to the power supply.

Check the charging indicator light and allow 3.5–4 hours for charging.

Do not charge the cleaner while it is in water or operating.

Disconnect the charger before placing the cleaner in water.

2. Prepare the Pool:

Use the cleaner only in a swimming pool with a water depth of 0.5–2.5 m.

Confirm that the pool water has a pH level of 7.0–7.4.

Remove large objects that could obstruct the cleaner or its wheels.

Confirm that the filter and cartridge are clean and correctly installed beneath the top cover.

3. Start a Cleaning Session:

Disconnect the charger and ensure the charging-port cover/cap is fully fitted and securely sealed before placing the cleaner in water.

Press the power button.

Lower the cleaner into the pool using the handle and allow it to submerge safely.

The cleaner starts automatically approximately 45 seconds after it is placed in water.

Allow the cleaner to travel across the pool floor and collect debris in the filter basket.

4. Retrieve the Cleaner:

At the end of the cleaning session, locate the cleaner at its automatic parking position.

Bring the cleaner toward the pool edge without pulling it by the charging connection.

Lift it from the water using the handle.

Allow water to drain through the water outlet before carrying or opening the cleaner.

A cleaning session runs for approximately 100–120 minutes. The cleaner automatically shuts off after 1 hour only when powered on but not operating; this idle shut-off does not apply during a cleaning session or auto-parking.

5. Clean the Filter:

Switch off the cleaner and remove it from the pool.

Allow excess water to drain.

Press the cartridge release button and remove the filter and cartridge.

Remove collected debris and clean the filter after every use.

Reinstall the filter and cartridge securely before the next cleaning session.

Specifications

Battery Capacity	5000mAh
Power	36W
Input	100-240V
Rated Frequency	50-60Hz
Working Voltage	10.95V
Charging Output	24V/1A
Working Time	100-120 Minutes
Charging Time	3.5-4 Hours
Filter Basket Capacity	1.3L
Cleaning Speed	10-15m/min
Climbing Angle	<10°
Filter Precision	250µm
Water Resistance Level	IP68
Operating Water Depth	0.5-2.5m
Plug Type	UK 3-Pin
Product Weight	3kg
Product Size	370 x 270 x 180mm
Model Number	PWS1PCR

Features

1. Advanced suction for thorough pool-floor cleaning
2. Cordless operation
3. Automatic water start

4. Auto-parking function for convenient retrieval
5. Automatic shut-off after 1 hour when powered on but not operating
6. IP68 water resistance
7. 1.3 L easy-clean filter basket
8. 250 µm filter precision
9. Cleaning depth from 0.5 to 2.5 m
10. Lightweight, compact design
11. Charging indicator light

Maintenance Tips

1. Clean the filter after every use.
2. Rinse away debris from the filter, cartridge, wheels and water outlet.
3. Check that the wheels rotate freely before each cleaning session.
4. Keep the charging port dry before connecting the charger.
5. Use a certified compatible 24 V DC, 1 A charger with a matching connector and cable.
6. Store the cleaner in a cool, dry place away from heat sources.
7. Charge the cleaner fully before a planned cleaning session.

Frequently Asked Questions

1. How deep can the cleaner operate?

Use it in swimming pools with a water depth from 0.5 to 2.5 m.

2. How long does a cleaning session last?

A cleaning session runs for approximately 100–120 minutes, depending on operating conditions.

3. How long does charging take?

A full charging cycle takes approximately 3.5–4 hours.

4. Why does the cleaner not start immediately in the water?

Automatic operation begins approximately 45 seconds after the cleaner is placed in water.

5. How often should the filter be cleaned?

Remove debris and clean the filter after every use.

6. How is the cleaner retrieved after a session?

The auto-parking function returns the cleaner to a parking position for easier retrieval. Lift it using the handle and allow the water to drain.

7. When does the cleaner shut off automatically?

The cleaner automatically shuts off after 1 hour only when powered on but not operating. This idle shut-off does not apply during the approximately 100–120-minute cleaning session or auto-parking.

Troubleshooting

Problem	Likely Cause	Solution
Cleaner does not power on	Battery is discharged or charging is incomplete	Dry the charging port, connect the original charger and charge for 3.5–4 hours.
Cleaner does not start after submersion	The automatic water-start delay has not elapsed	Place the powered cleaner in the pool and wait approximately 45 seconds.
Cleaner does not charge	Power supply is unavailable, the charger is not connected securely or the charging port is wet	Check the power supply and connections, and ensure the charging port is completely dry before charging.
Working time is shorter than expected	Battery was not fully charged or the cleaner is encountering excessive resistance	Fully charge the cleaner and remove obstructions from the pool floor and wheels.
Cleaner moves slowly or stops	Debris is obstructing the wheels or water outlet	Switch off and remove the cleaner, then clear debris from the wheels and water outlet.
Cleaning performance is poor	Filter is full, blocked or incorrectly installed	Remove and clean the filter and cartridge, then reinstall them securely.

Problem	Likely Cause	Solution
Cleaner leaves areas of the pool floor uncleaned	Large obstacles restrict its route or operating conditions are outside the specified limits	Remove obstacles and use the cleaner only at a water depth of 0.5–2.5 m with a pH level of 7.0–7.4.
Cleaner does not climb an incline	The incline exceeds the specified climbing angle or the wheels lack traction	Use the cleaner on pool-floor inclines below 10° and clean debris from the wheels.
Cleaner is difficult to retrieve	The cleaner has not reached its automatic parking position	Wait for the cleaning session to end, locate the cleaner at the pool edge and lift it using the handle.
Cleaner shuts off while not cleaning	Automatic shut-off has activated	Press the power button to restart; the cleaner automatically shuts off after 1 hour when not in use.

Disposal

This product must not be disposed of as unsorted household waste. It is important to separate such waste for proper treatment and recycling, in compliance with local waste management regulations.

Warranty

Products that you buy directly from our Powerology website or shop come with a 24-month warranty.

The 24-month warranty applies to products purchased directly from

our Powerology website or store. If Powerology products are bought from any of our verified retailers, then the product is eligible for only a 12-month warranty. To extend your product's warranty, visit our website www.powerology.me/warranty and fill in your details in the provided form along with an uploaded picture of the product to process your request. Once approved, you will receive a confirmation email of the extended product warranty. Upload the required information within 48 hours of purchase to be eligible for a 24-month warranty period.

For more info, please check: www.powerology.me/warranty

Contact Us

Email: **hey@powerology.me**

Website: **www.powerology.me**

Instagram: **[powerology_official](https://www.instagram.com/powerology_official)**

Facebook: **[powerology.ME](https://www.facebook.com/powerology.ME)**