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> Lydsto YM-RPC01 Cordless Robotic Pool Cleaner Instruction Manual

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Model: YM-RPC01 | Brand: Lydsto

1. SETUP

1.1 Charging the Cleaner

Before first use, fully charge your Lydsto YM-RPC01 Robotic Pool Cleaner. The unit features a convenient top-mounted charging port. Simply lift the small button cover and insert the charger. A full charge takes approximately 4 hours, providing up to 120 minutes of cleaning runtime.



Image 1: The Lydsto YM-RPC01 Robotic Pool Cleaner connected to its charger, with an LED indicator showing the charging status. The LED changes color to indicate low battery (red), charging (flashing red), and charging complete (blue).

1.2 Initial Placement in the Pool

Once fully charged, select your desired cleaning cycle using the top button. Gently lower the cleaner into the pool. The unit will sink to the bottom and begin its cleaning cycle automatically after a brief calibration period.

Video 1: A demonstration of the Lydsto YM-RPC01 Robotic Pool Cleaner being charged, its dual-layer filter system, and its initial placement into a pool. The video also highlights its edge cleaning and customizable cleaning cycles.

2. OPERATING INSTRUCTIONS

2.1 Cleaning Cycles and Modes

The Lydsto YM-RPC01 offers multiple cleaning cycles to suit your pool's needs. Press and hold the power button on top of the unit to cycle through available cleaning durations, including a 30-minute option and up to 120 minutes for larger areas. The LED indicator will confirm your selection.

2.2 Obstacle Crossing and Navigation

Equipped with upgraded obstacle crossing capabilities, the cleaner can easily navigate over wrinkles up to 0.2 inches and climb slopes up to 15°. Its streamlined design reduces drag and optimizes water flow for efficient cleaning across various pool terrains.



Image 2: The Lydsto YM-RPC01 Robotic Pool Cleaner showcasing its streamlined design and ability to climb slopes up to 15 degrees, ensuring thorough cleaning even on uneven surfaces.

2.3 Enhanced Edge Cleaning

The cleaner features a patented edge cleaning function. Upon reaching a pool wall, the unit will pause for a few seconds to enhance cleaning in that area, ensuring comprehensive coverage of pool edges and corners.



Fast Drainage & Zero Leakage

Swift draining, leak-free solutions for your pool!

Image 3: The Lydsto YM-RPC01 Robotic Pool Cleaner positioned against a pool wall, illustrating its enhanced edge cleaning capability to effectively clean hard-to-reach areas.

2.4 Automatic Shut-Off and Self-Parking

The Lydsto YM-RPC01 is designed with an automatic shut-off feature. When the battery is low or the cleaning cycle is complete, the unit will self-park near the pool wall for easy retrieval. The LED indicator will signal its status.



Image 4: The Lydsto YM-RPC01 Robotic Pool Cleaner in its self-parking mode, indicated by a red low battery light, positioned near the pool edge for convenient retrieval.

3. MAINTENANCE

3.1 Cleaning the Dual-Layer Filter System

The cleaner features a dual-layer cleaning system with a 180µm mesh for larger debris and a cotton sponge layer for fine particles. To clean, unclip the two side latches, lift the top cover, and remove the filter tray. Rinse the filter thoroughly with a hose. Ensure all debris is removed before reassembling.

Superior Performance

Upgraded motor and wide suction port lead to more productive cleaning. Featuring a 250um filter and cotton foam with a large capacity, it efficiently picks up dirt, sand, and pet hair. Experience the power of doublesuction for thorough cleaning



Image 5: An exploded view of the Lydsto YM-RPC01's dual-layer filtration system, showing the 250µm filter net and fine cotton foam for comprehensive debris capture.

Easy to Retrieve

Pop off the cover and the filter quickly rinse with a hose.



Image 6: A user demonstrating how to easily retrieve and rinse the filter of the Lydsto YM-RPC01 Robotic Pool Cleaner using a hose.

3.2 Storage

When not in use, store the pool vacuum cleaner in a cool, dry place, away from direct sunlight. It is recommended to charge it every 3 months to ensure battery performance and longevity.

4. TROUBLESHOOTING

- **Cleaner not moving:** Ensure the unit is fully charged and the power button is pressed to start a cleaning cycle. Check for any obstructions in the wheels or suction port.
- **Poor suction/cleaning:** Clean the dual-layer filter system. Accumulated debris can reduce performance. Ensure the pool water chemistry is balanced.
- **Unit not charging:** Verify the charger is properly connected to both the unit and a power outlet. Check the LED indicator for charging status.
- **Unit stuck on an obstacle:** While the cleaner has good obstacle crossing, excessive debris or unusual pool features might cause it to get stuck. Retrieve the unit using the provided hook and clear any obstructions.

5. SPECIFICATIONS

Feature	Detail
Model Name	YM-RPC01
Brand	Lydsto
Product Dimensions	38L x 38W x 18H Centimetres (15 x 15 x 7.1 inches)
Weight	4.4 kg (9.7 lbs)
Power Source	Battery Powered
Battery Type	1 Lithium Ion battery (included), 55.5 Watt Hours
Charging Time	4 Hours
Runtime	Up to 120 minutes
Special Features	Automatic Shut Off, Cordless, Dual Filtration System, Lightweight, Self Propelled
Control Method	Push Button
Material	Plastic

6. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the contact details provided in your product packaging or visit the official Lydsto website. Keep your purchase receipt for warranty claims.

