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› POPOSOAP Solar RGB Pond Lights - Instruction Manual

POPOSOAP 21-SD-PL-CG

POPOSOAP Solar RGB Pond Lights Instruction Manual

Model: 21-SD-PL-CG

INTRODUCTION

Thank you for choosing POPOSOAP Solar Pond Lights. This manual provides essential information for the safe and efficient operation of your new RGB LED pond lights. Please read these instructions carefully before installation and use, and retain them for future reference.

These waterproof IP68 lights feature a 2200mAh battery, offering two mode options for versatile decoration in ponds, fountains, pools, and gardens. The 3-headlamp RGB solar-powered system is designed for ease of use and durability.

PRODUCT OVERVIEW

The POPOSOAP Solar Pond Lights system includes:

- 3 x Pond Lights
- 1 x Solar Panel
- 1 x Ground Stake

The lights are designed with a light-sensitive feature for automatic charging during the day and automatic illumination at night. Each light head can be adjusted 90 degrees for optimal positioning.



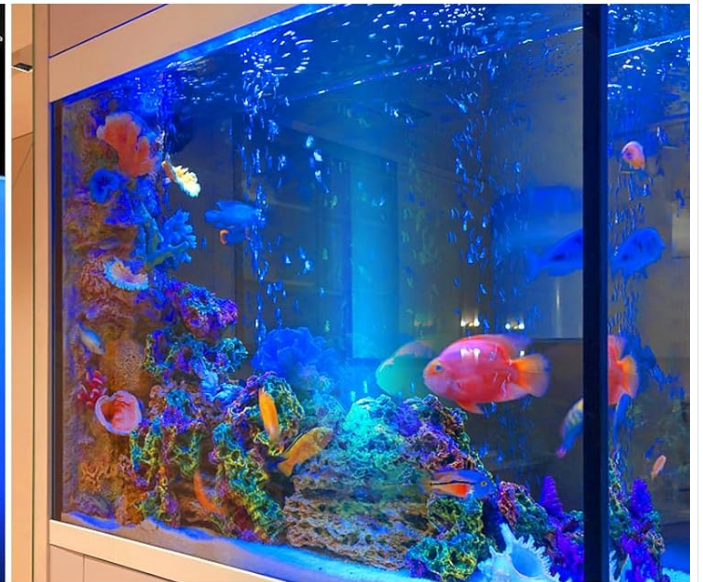
Pond



Fountain



Swimming Pool



Aquarium

Image: Overview of the POPOSOAP Solar Pond Lights system, showing the three light heads and the solar panel.

SETUP AND INSTALLATION

Follow these steps for proper installation:

1. **Solar Panel Placement:** Choose a location for the solar panel where it receives direct sunlight for at least 6-8 hours daily. This ensures optimal charging. The solar panel can be inserted into the ground using the provided stake or mounted on a wall.
2. **Light Placement:** The pond lights are weighted to sink into water without additional fixing. Place them in your pond, fountain, or pool as desired. The 17ft/5m cord provides flexibility for arrangement.
3. **Adjusting Light Heads:** Each light head can be adjusted up to 90 degrees. Angle them to illuminate specific features or areas.
4. **Connection:** Ensure all light heads are securely connected to the solar panel.

Two Ways of Installations



Insert into the Ground



Mount on the Wall

Image: Demonstrates two installation methods for the solar panel: inserting into the ground with a stake or mounting on a wall.



Image: Detailed diagram illustrating the dimensions of the solar panel and individual light heads, highlighting the 90-degree adjustable angle for precise illumination.

OPERATING INSTRUCTIONS

Your POPOS SOAP Solar Pond Lights are designed for automatic operation, but also offer manual mode selection.

Automatic Operation:

- The lights will automatically charge during daylight hours when the solar panel is exposed to sunlight.
- At dusk, the lights will automatically turn on.
- They will automatically turn off at dawn.

Mode Selection:

The lights offer two primary modes: Colorful Mode and Fixed Color Mode. Use the buttons on the solar panel to switch between modes.

- **Colorful Mode:** This mode cycles through a variety of colors automatically.
- **Fixed Color Mode:** Choose from 12 fixed colors to maintain a consistent lighting scheme.



Image: Illustrates the solar panel's control buttons for switching between Constant Light Mode (fixed color) and Auto Cycle Mode (automatic color change).



Image: A visual representation of the 12 available fixed colors and the dynamic auto-changing color mode.

Battery Performance:

- A full charge typically takes 6-7 hours of direct sunlight.
- Once fully charged, the lights can operate for approximately 9-11 hours.



Image: Illustrates the charging time of 6-7 hours in sunlight and the luminous duration of 9 hours at night.

MAINTENANCE

To ensure the longevity and optimal performance of your POPOSOAP Solar Pond Lights, consider the following maintenance tips:

- **Solar Panel Cleaning:** Regularly wipe the solar panel with a soft, damp cloth to remove dust, dirt, or debris. A clean panel ensures maximum sunlight absorption and efficient charging.
- **Light Head Cleaning:** Periodically clean the light heads to remove any algae or mineral buildup, especially if submerged in water. This helps maintain light brightness and clarity.
- **Winter Care:** In regions with harsh winters or freezing temperatures, it is recommended to remove the lights and solar panel and store them indoors to prevent damage.
- **Cable Inspection:** Occasionally check the cables for any signs of wear, damage, or loose connections.

TROUBLESHOOTING

If you encounter issues with your solar pond lights, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Lights do not turn on at night.	<ul style="list-style-type: none"> Insufficient sunlight on the solar panel. Solar panel is dirty. Battery is not fully charged or is depleted. Switch is off. 	<ul style="list-style-type: none"> Relocate the solar panel to an area with direct sunlight for 6-8 hours. Clean the solar panel surface. Allow the panel to charge for a full day. If issues persist, the battery may need replacement (contact support). Ensure the power switch on the solar panel is in the "ON" position.
Lights are dim or only stay on for a short period.	<ul style="list-style-type: none"> Insufficient charging time. Solar panel is partially shaded or dirty. Battery capacity reduced over time. 	<ul style="list-style-type: none"> Ensure the solar panel receives full, direct sunlight. Clean the solar panel. Consider replacing the battery if it's old (contact support).
Lights are not changing colors or stuck on one color.	<ul style="list-style-type: none"> Incorrect mode selected. Remote control issue (if applicable). 	<ul style="list-style-type: none"> Press the mode button on the solar panel to cycle through options. Check remote battery or ensure line of sight to the sensor (if applicable).

SPECIFICATIONS

Feature	Detail
Brand	POPOSOAP
Model Name	RGB LED Pond Lights
Item Model Number	21-SD-PL-CG
Color	Multicolor (RGB)
Material	Acrylonitrile Butadiene Styrene
Power Source	Solar Powered
Battery Capacity	2200mAh (Integrated)
Water Resistance Level	IP68 Waterproof
Light Source Type	LED
Number of Light Sources	3
Light Output Maximum	800 Lumens
Wattage	2 watts
Control Method	Remote (if included, otherwise manual buttons)

Feature	Detail
Product Dimensions	2"L x 2"W x 1"H (per light head, approximate)
Cord Length	17ft / 5m (from solar panel to first light)
Special Features	Anti-Rust, Color Changing, Portable, Water Resistant, Waterproof
Included Components	Pond Lights*3, Solar Panel*1, Ground Stake*1

WARRANTY INFORMATION

The POPOSOAP Solar Pond Lights come with a **One Year Warranty** from the date of purchase. This warranty covers manufacturing defects and material flaws under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or improper installation.

Please retain your proof of purchase for warranty claims.

CUSTOMER SUPPORT

For any questions, technical assistance, or warranty claims, please contact POPOSOAP customer support through the retailer's platform or visit our official website. We are committed to providing excellent service and support.

Website: [POPOSOAP Official Store](#)

PRODUCT VIDEOS

POPOSOAP RGB Solar Pond Lights Overview

Your browser does not support the video tag.

This video provides a comprehensive overview of the POPOSOAP RGB Solar Pond Lights, showcasing their features, color-changing capabilities, and how they enhance various water features and garden settings.

