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› POPOSOAP 6W Solar Bird Bath Fountain Pump Instruction Manual

POPOSOAP PO-6W

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Model: PO-6W

Brand: POPOSOAP

1. OVERVIEW

The POPOSOAP 6W Solar Bird Bath Fountain Pump is designed to create various water features for your garden, ponds, pool, or fish tank. It features an upgraded glass solar panel for efficient energy conversion and includes multiple nozzles for different spray styles. The pump is equipped with a water shortage sensing device for protection and offers flexible installation options.

Compare With Other

	Our 6W	Others
Solar panel	Tempered Glass	PET
Dry-run protection	✓	X
Floatable	✓	X
Spray height	40cm-70cm	10cm-30cm



Image 1: The solar fountain pump creating a water spray in a bird bath.

2. PACKAGE CONTENTS

Verify that all components are present in the package:

- 1x Solar Panel
- 1x Water Pump
- 5x Nozzles
- 1x Water Pipe (4ft tubing)
- 1x Ground Stake
- 1x Floating cotton
- 1x User Manual



Image 2: All components included in the product package.

3. SETUP AND INSTALLATION

The solar pump can be installed as a submersible unit or as a floating unit. The solar panel can be mounted on a wall or inserted into the ground using the included stake.

3.1 Assembling the Solar Panel and Stake

1. Connect the ground stake to the mounting bracket on the back of the solar panel.
2. Adjust the angle of the solar panel using the knob on the back to optimize sun exposure.
3. Insert the stake into the ground in a location that receives direct sunlight. Alternatively, the solar panel can be wall-mounted.

3.2 Assembling the Pump and Nozzles

1. Attach your desired nozzle to the pump outlet. Five different nozzles are provided to create various water spray styles and jet heights.
2. If using as a floating unit, insert the pump into the center of the foam cotton float.
3. If creating a DIY water feature, connect the 4ft water pipe to the pump outlet.

3.3 Connecting the System

1. Connect the pump's power cable to the solar panel's output cable.
2. Place the pump into the water, ensuring it is fully submerged.
3. Once the solar panel receives direct sunlight, the pump will start working automatically within seconds.



Image 3: Various applications of the solar fountain pump in different water features.

Package Included



Image 4: Example of a DIY water feature using the included tubing.

3.4 Installation Video

Video 1: Official demonstration of the POPOSOAP 6.5W Solar Fountain Pump in various bird bath and water feature settings, highlighting its ease of installation and different spray patterns.

4. OPERATING INSTRUCTIONS

The pump operates automatically when the solar panel is exposed to direct sunlight. The intensity and height of the water spray depend on the amount of sunlight received by the solar panel.

4.1 Nozzle Selection

Choose from the 5 provided nozzles to achieve your desired water spray effect. Experiment with different nozzles to find the best fit for your water feature and environmental conditions (e.g., wind).



5 Various Spray Nozzles



Image 5: Examples of the five different spray patterns available with the included nozzles.

5. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your solar fountain pump.

5.1 Cleaning the Pump and Filter

Clean the pump regularly to prevent it from being clogged by dirt, dust, or leaves. The pump includes two filter sponges to help block debris.

1. Disconnect the pump from the solar panel.
2. Remove the filter housing and foam filter.
3. Clean all parts, including the foam filter and impeller, to remove debris.
4. Reassemble the pump in reverse order.

5.2 Solar Panel Care

Keep the surface of the solar panel clean to ensure maximum sunlight conversion efficiency. Dust or debris on the panel can reduce its performance.

Multi-Protection Pump



Efficient Solar Panel

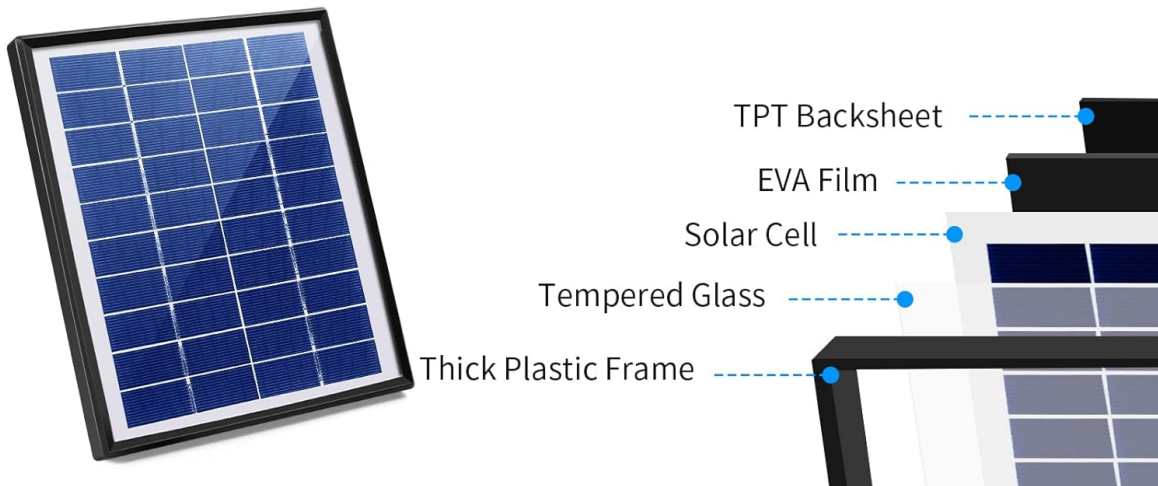


Image 6: Exploded view of the pump, showing the filter and impeller for cleaning.

6. TROUBLESHOOTING

If your solar fountain pump is not operating as expected, consider the following common issues:

- **No Direct Sunlight:** The pump requires direct sunlight to operate continuously. It may spray intermittently or stop working in cloudy weather or shaded areas. Ensure the solar panel is placed in direct sunlight without any shadows.
- **Low Water Level:** The pump has a built-in water shortage sensing device. If the water level is too low, the pump will automatically stop to prevent damage. Ensure the pump is fully submerged in water.
- **Clogged Pump:** Dirt, dust, or leaves can clog the pump, preventing it from functioning. Clean the pump regularly as described in the Maintenance section.



Image 7: Visual troubleshooting guide for common pump issues.

7. SPECIFICATIONS

Feature	Specification
Brand	POPOSOAP
Model Number	PO-6W
Size	6W
Material	Plastic
Power Source	Solar Powered
Product Dimensions	2.17"L x 1.57"W x 1.2"H
Item Weight	1.3 Pounds
Maximum Flow Rate	1 Gallons Per Minute
Maximum Lifting Height	32 Inches
Voltage	10 Volts
Wattage	6 watts
Cord Length	9.85 Feet
Special Features	Automatic, Lighted, Solar

8. WARRANTY AND SUPPORT

The POPOSOAP Solar Bird Bath Fountain Pump comes with a **1-year warranty** and a **60-day money-back guarantee**.

For any issues or support, please contact the POPOSOAP Customer Service Team:

- **Phone:** 1-877-947-8577 (Mon-Fri, 9am-5pm PST)
- **Email:** support@poposoapsolar.com
- **Website:** www.poposoapsolar.com

If you are not satisfied with your product and want a refund or replacement, please send the order number to the after-sales email. They will reply within 24 hours.

8.1 Additional Support Video

Video 2: Detailed official video showcasing the POPOSOAP Solar Bird Bath Fountain Pump, including unboxing, assembly, installation in a bird bath, and demonstration of its operation.