

Teamson Home PT-SF0002

Teamson Home Solar Powered Water Feature

INSTRUCTION MANUAL

Model: PT-SF0002

Introduction

Thank you for purchasing the Teamson Home Solar Powered Water Feature. This elegant 3-tier grey waterfall fountain is designed to bring a calming ambiance to your indoor or outdoor space with its soothing water flow and warm LED lights. It operates on solar power with a battery backup, offering an eco-friendly and energy-efficient solution.

Please read this manual thoroughly before assembly and operation to ensure safe and proper use of your water feature.

Safety Information

- Always disconnect the power source (solar panel) before performing any maintenance or cleaning.
- Ensure the pump is fully submerged in water before operation to prevent damage.
- Do not operate the fountain if any part is damaged. Contact customer support.
- Keep children and pets away from the fountain during operation.
- Place the fountain on a stable, level surface to prevent tipping.
- Protect the solar panel and pump from extreme weather conditions, especially freezing temperatures.

Package Contents

Please check that all components are present and undamaged:

- 1 x Water Fountain Unit (Grey Waterfall design)
- 1 x Solar Panel (3.2W, IP64 waterproof)
- 1 x Water Pump (Flow Rate 160 L/H, Operation Voltage: 7.4V DC)
- Built-in LED Lights
- Rechargeable Lithium Battery Backup (7.4V/2000mA)
- Connecting Cable (2M length)
- 300g Pebbles
- Instruction Manual

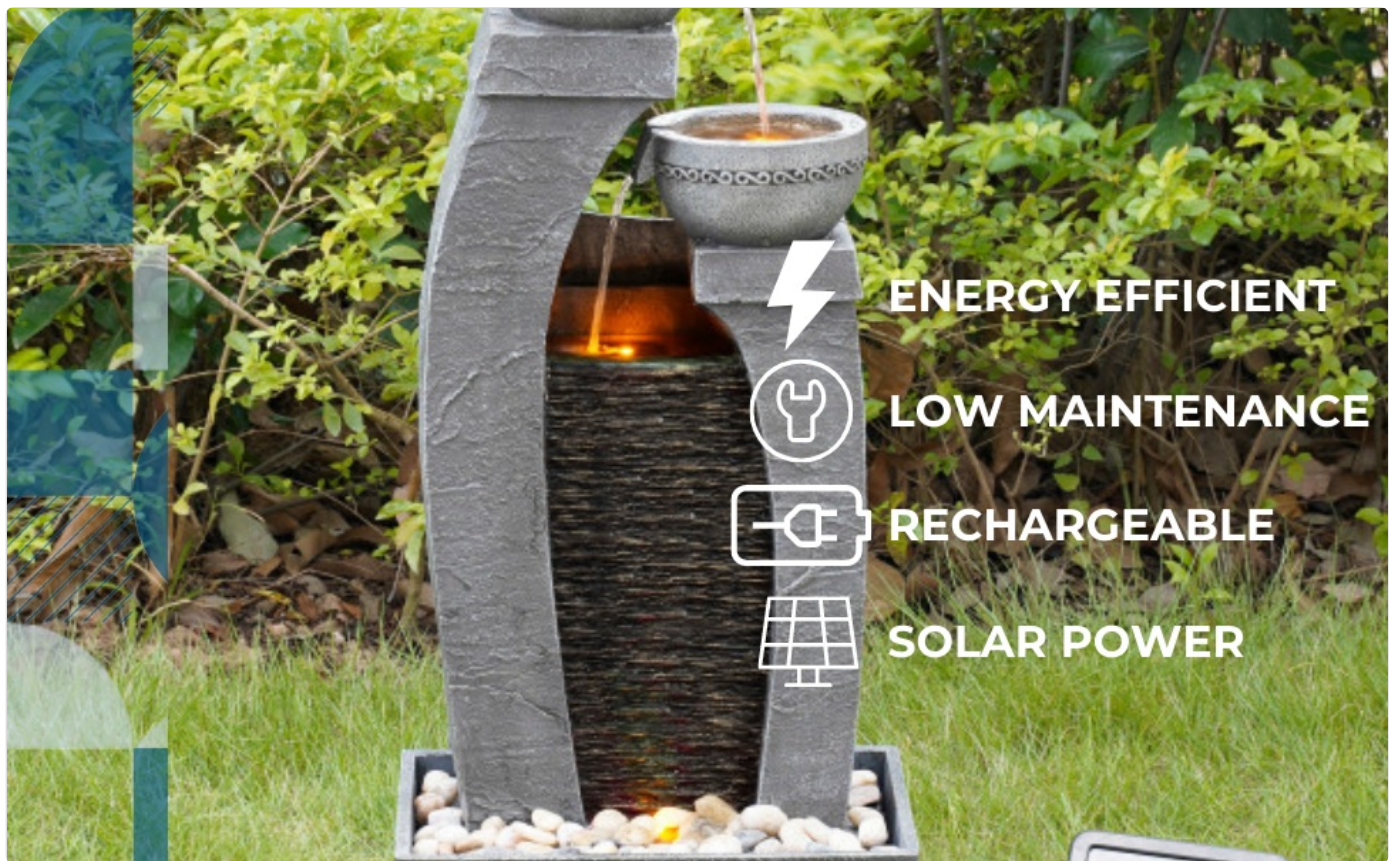


Figure 1: Included Components Diagram

This image illustrates the main components included with your Teamson Home Solar Powered Water Feature, ensuring you have everything needed for assembly and operation.

Setup and Assembly

Assembly is straightforward and typically takes less than 5 minutes.

1. **Unpack Components:** Carefully remove all parts from the packaging.
2. **Position the Fountain:** Place the main fountain unit on a stable, level surface in your desired location. Ensure it is close enough to an area where the solar panel can receive direct sunlight.



Figure 2: Fountain positioned in a garden

The water feature is shown in a natural garden environment, demonstrating its aesthetic appeal and suitable placement.

3. **Connect the Pump:** Locate the water pump and connect its tubing to the water outlet inside the fountain. Ensure a secure connection.
4. **Place the Solar Panel:** Position the solar panel in an area that receives maximum direct sunlight throughout the day. The 2-meter cable allows for flexible placement.



Figure 3: Solar panel connection

This image highlights the solar panel and its connection to the main fountain unit, illustrating how it powers the feature.

5. **Initial Charging:** Before first use, ensure the switch on the solar panel is turned to the "ON" position. Allow the solar panel to charge for 2-3 days in direct sunlight to fully charge the internal battery. This is crucial for optimal performance, especially for the LED lights and continuous operation.
6. **Fill with Water:** Fill the fountain with clean water. The water capacity is 9 litres. Ensure the pump is fully submerged.
7. **Add Pebbles:** Distribute the included 300g pebbles into the base of the fountain. This adds to the aesthetic and helps stabilize the water flow.

Operating Instructions

- **Power On/Off:** The fountain is controlled by a switch on the solar panel. Ensure it is in the "ON" position for operation and charging.
- **Solar Operation:** The fountain will operate automatically when the solar panel receives sufficient direct sunlight. Excess energy will be stored in the rechargeable lithium battery.
- **Battery Backup:** The built-in battery allows the fountain to operate during cloudy periods or after sunset, providing continuous enjoyment.
- **LED Lights:** The integrated LED lights will automatically illuminate when it gets dark, powered by the stored battery energy, creating a beautiful evening display.



Figure 4: Illuminated water flow

This detailed view captures the gentle flow of water and the warm glow of the LED lights, showcasing the fountain's nighttime appeal.

- **Water Flow Adjustment:** The water pump may have adjustable settings for water flow. Refer to the pump's specific instructions if available, or adjust the water level slightly to influence flow.

Product in Operation

Your browser does not support the video tag.

Video 1: Solar Power Water Fountain Feature with Lights

This video demonstrates the Teamson Home Solar Powered Water Feature in operation, showcasing the continuous water flow and the effect of the integrated LED lights.

Maintenance

- **Water Level:** Regularly check the water level and refill as needed. Evaporation will reduce the water level, and operating the pump without sufficient water can cause damage.
- **Cleaning the Fountain:** Clean the fountain periodically to prevent algae buildup and mineral deposits. Use a soft brush and mild soap if necessary. Rinse thoroughly with clean water.
- **Cleaning the Pump:** The pump should be cleaned regularly to ensure optimal performance. Disconnect the pump, remove any debris from the intake, and clean the impeller. Refer to the pump's specific instructions for detailed cleaning.
- **Solar Panel:** Keep the solar panel clean and free of dust, dirt, or obstructions to ensure maximum sunlight absorption. Wipe it with a damp cloth as needed.
- **Winterization:** During freezing temperatures, drain all water from the fountain and store it indoors in a dry, frost-free location. This prevents damage to the pump and fountain material from ice expansion.
- **Durability:** The fountain is made with Polyresin, designed to be low maintenance, weather-resistant, UV, and frost protected for longevity. However, proper winterization is still recommended in harsh climates.

Troubleshooting

Problem	Possible Cause	Solution
Fountain not operating / Low water flow	◦ Insufficient sunlight for solar panel. ◦ Battery not fully charged. ◦ Water level too low. ◦ Pump clogged with debris. ◦ Kink in tubing.	◦ Ensure solar panel is in direct sunlight and switch is ON. Allow 2-3 days for initial charge. ◦ Check water level and refill. ◦ Clean the pump and remove any obstructions. ◦ Straighten any kinks in the tubing.
LED lights not working	◦ Battery not charged enough. ◦ Solar panel switch is OFF. ◦ Lights are damaged.	◦ Ensure solar panel receives direct sunlight for charging. ◦ Verify the switch on the solar panel is ON. ◦ If lights remain off after sufficient charging, contact customer support.
Water splashing excessively	◦ Fountain not level. ◦ Water flow too strong (if adjustable).	◦ Ensure the fountain is on a perfectly level surface. ◦ Adjust pump flow if possible, or slightly reduce water level.

Specifications

Feature	Detail
Model Number	PT-SF0002
Dimensions (L x W x H)	34 cm x 22.9 cm x 76.2 cm (13.4" x 9" x 30")
Weight	6 Kilograms
Material	Polyresin (38%), Stone powder (38%), Fiber (1.15%), Plastic
Water Capacity	9 Litres
Solar Panel	3.2W, IP64 waterproof
Battery	7.4V/2000mA Lithium Battery
Pump Flow Rate	160 L/H
Pump Operation Voltage	7.4V DC
Special Features	Lighted, Weather Resistant
Assembly Required	Yes





Figure 5: Product Dimensions

This image provides a visual representation of the fountain's dimensions, aiding in planning its placement.

Warranty and Support

Warranty: This product comes with a 12-month warranty from the date of purchase. Please retain your proof of purchase for warranty claims. The warranty covers manufacturing defects and material faults under normal use. It does not cover damage caused by improper installation, misuse, neglect, or natural wear and tear.

Customer Support: For any questions, technical assistance, or warranty claims, please contact Teamson Home customer support. Refer to the contact information provided on the product packaging or the official Teamson Home website.

You can visit the official Teamson Home store for more information and products: [Teamson Home Store](#).

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Question

Details

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Answered questions about this manual

What happens if my Teamson Home PT-SF0002 water pump won't reach the bottom of the water basin?

For the Teamson Home PT-SF0002, the most critical requirement is that the pump is fully submerged in water. While the pump typically has suction cups to stick to the bottom of the basin to...

[Read full answer](#)