Teamson Home PT-SF0003

Teamson Home Solar Powered Water Feature

INSTRUCTION MANUAL - 4 TIER BOWLS MODEL

Important Safety Information

Please read this manual carefully before assembly and operation. Keep these instructions for future reference.

- Ensure the solar panel is placed in direct sunlight for optimal performance.
- Do not operate the pump without water. This can cause damage to the pump.
- Keep children and pets away from the water feature during operation.
- Disconnect power (turn off the switch) before cleaning or performing any maintenance.
- Protect the water feature from freezing temperatures during winter months to prevent damage to the resin and pump.
- Use only clean water in the fountain.

Product Overview

The Teamson Home Solar Powered Water Feature is a decorative outdoor fountain designed to provide a soothing water flow and ambient LED lighting. It operates using solar energy with a rechargeable battery backup for continuous use.



Image: The Teamson Home 4 Tier Bowls Solar Water Feature, showcasing its multi-tiered design and the detached solar panel.

Included Components:

- 1 x 4-Tier Water Feature Unit (Resin)
- 1 x Solar Panel (3.2W, IP64 waterproof)
- 1 x Water Pump (Flow Rate 160 L/H, 1.5-2.5W, 7.4V DC)
- Built-in LED Lights

- Rechargeable Lithium Battery (7.4V/2000mA)
- Connection Cable (2M length)
- Instruction Manual

Setup and Assembly

Assembly of this water feature is designed to be straightforward and can typically be completed in less than 5 minutes.

1. **Unpack Components:** Carefully remove all parts from the packaging and ensure all included components are present.
2. **Position the Fountain:** Place the main water feature unit on a stable, level surface in your desired outdoor or indoor location. Ensure it is close enough to an area that receives direct sunlight for the solar panel.
3. **Connect the Pump:** Locate the water pump and connect it to the tubing inside the water feature. Ensure the pump is fully submerged in the lowest basin once water is added.
4. **Connect Solar Panel:** Connect the cable from the water feature unit to the solar panel. Ensure the connection is secure.
5. **Position Solar Panel:** Place the solar panel in an area that receives maximum direct sunlight throughout the day. Avoid shaded areas.
6. **Initial Charging:** Before first use, ensure the switch on the solar panel is turned to the "ON" position. Allow the solar panel to charge the battery for 2-3 days in direct sunlight. This initial charge is crucial for optimal performance.
7. **Fill with Water:** Fill the lowest basin of the water feature with clean water. Ensure the water level is sufficient to completely submerge the pump. The water capacity is approximately 8 Litres.



Image: The water feature positioned in a garden, demonstrating ideal placement for the solar panel to receive sunlight.

Operating Instructions

Once assembled and initially charged, your water feature is ready for operation.

- **Power On:** Ensure the switch on the solar panel is in the "ON" position. The pump will begin to circulate water and the LED lights will illuminate when sufficient power is available.
- **Solar Operation:** The fountain will operate during daylight hours when the solar panel receives direct sunlight. Excess energy will be stored in the rechargeable battery.
- **Battery Backup:** The built-in lithium battery provides power for operation during cloudy days or at night, allowing for continuous enjoyment.
- **Water Level:** Regularly check the water level in the fountain. Due to evaporation, water levels will decrease over time. Refill as necessary to ensure the pump remains fully submerged.
- **LED Lights:** The LED lights are integrated and will automatically turn on when the ambient light levels drop, powered by the stored battery energy.

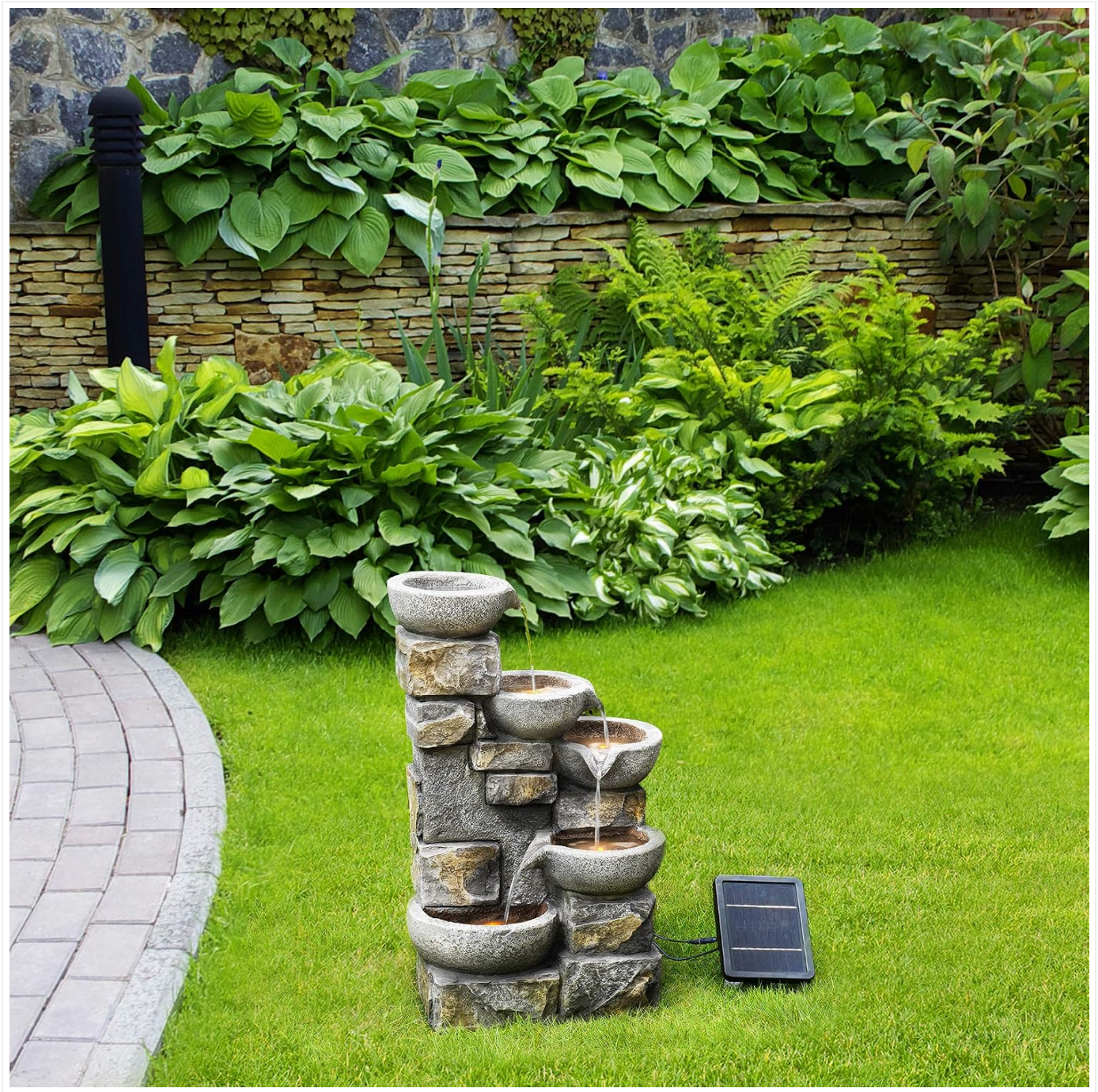


Image: The water feature in operation, with water flowing between the tiers and the solar panel visible nearby.

Maintenance

Regular maintenance will ensure the longevity and optimal performance of your water feature.

- **Water Replacement:** Periodically drain and refill the fountain with fresh, clean water to prevent algae buildup and maintain water clarity. The frequency depends on environmental conditions.
- **Cleaning the Fountain:** Clean the exterior of the fountain with a soft cloth and mild soap solution. Rinse thoroughly. For stubborn mineral deposits or algae inside the basins, use a non-abrasive brush.
- **Pump Cleaning:** Disconnect the pump from the power source. Remove the pump from the water feature and disassemble it according to its specific instructions (usually involves removing the cover and impeller). Clean any debris, scale, or algae from the pump and impeller. Rinse thoroughly before reassembling and placing back into the fountain.
- **Solar Panel Cleaning:** Wipe the surface of the solar panel regularly with a damp cloth to remove dust, dirt, or

leaves that may obstruct sunlight and reduce charging efficiency.

- **Winterization:** In areas with freezing temperatures, it is recommended to drain all water from the fountain, disconnect the pump and solar panel, and store the entire unit indoors in a dry, frost-free location during winter months. This prevents damage from ice expansion.

Troubleshooting

If you encounter issues with your water feature, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Fountain not working / Pump not running	◦ Solar panel not receiving enough sunlight. ◦ Switch is in "OFF" position. ◦ Battery not sufficiently charged. ◦ Water level too low (pump not submerged). ◦ Pump or tubing is clogged with debris. ◦ Pump is faulty.	◦ Relocate solar panel to an area with direct sunlight. ◦ Ensure switch is in "ON" position. ◦ Allow 2-3 days of direct sunlight for initial charge. ◦ Add water until pump is fully submerged. ◦ Clean pump and tubing as per Maintenance section. ◦ Contact customer support if pump is confirmed faulty after cleaning.
LED lights not illuminating	◦ Battery not charged. ◦ Ambient light is too bright. ◦ LED wiring issue.	◦ Ensure solar panel is charging the battery sufficiently. ◦ Lights are designed to turn on in low light conditions. Test in darkness. ◦ Check connections. If still not working, contact customer support.
Weak water flow	◦ Low water level. ◦ Clogged pump or tubing. ◦ Insufficient sunlight for solar panel.	◦ Add water to the fountain. ◦ Clean pump and tubing. ◦ Ensure solar panel is in direct sunlight.

Specifications

Model Number	PT-SF0003
Dimensions (L x W x H)	43.2 cm x 30.5 cm x 68.6 cm (17" x 12" x 27")
Weight	8.3 kg (approx. 18.3 lbs)
Material	Polyresin
Water Capacity	8 Litres
Power Source	Solar Power, Battery (Rechargeable Lithium Battery 7.4V/2000mA)
Solar Panel	3.2W, IP64 waterproof

Water Pump Flow Rate	160 L/H
LED Lights	Built-in



Image: Dimensional diagram of the water feature, indicating its length, width, and height.

Warranty and Support

This Teamson Home product comes with a**12-month warranty** from the date of purchase, covering manufacturing

defects.

For warranty claims, technical support, or any questions regarding your water feature, please contact Teamson Home customer service. Refer to your purchase documentation or the Teamson Home website for specific contact details.

Please note: Damage caused by improper assembly, lack of maintenance, freezing temperatures, or misuse is not covered under warranty.

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