

SZMP SP33DB1

SZMP 3.5W Solar Fountain Pump with 2000mAh Battery - User Manual

Model: SP33DB1

1. INTRODUCTION

Thank you for choosing the SZMP 3.5W Solar Fountain Pump. This product is designed to add a decorative and functional element to your garden, pond, bird bath, or swimming pool. Featuring an upgraded 3.5W monocrystalline solar panel and a 2000mAh battery, it ensures continuous operation even in low light conditions. Please read this manual carefully before use to ensure proper installation, operation, and maintenance.

2026 Upgrade Solar Fountain for Sunlight Transmission



Image 1: Overview of the SZMP 3.5W Solar Fountain Pump features and performance in varying sunlight.

2. PRODUCT COMPONENTS

The SZMP Solar Fountain Pump package includes the following items:

- 1 x 3.5W Solar Fountain Pump with integrated 2000mAh battery
- 8 x Different spray nozzles for various water patterns
- 4 x Fixed rods to stabilize the fountain
- 3 x Additional filter sponges (for maintenance)

Sprinkler heads for different water flow

Easy to install and use



STEP 1



STEP 2

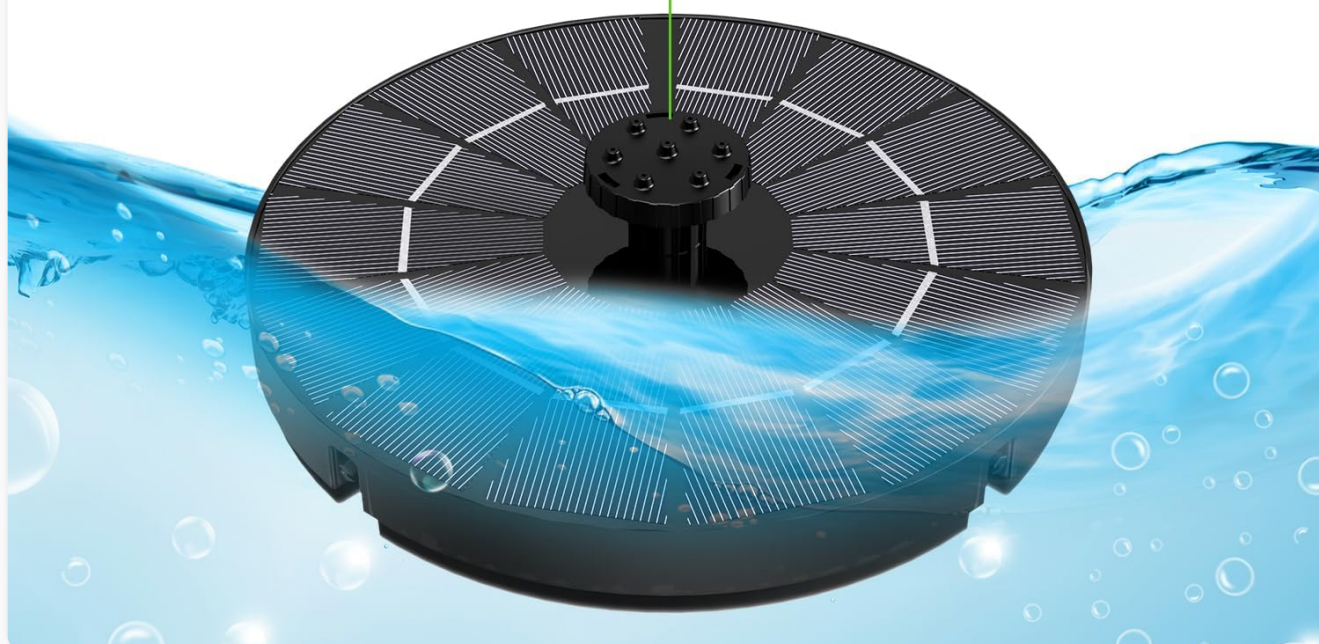


Image 2: Components of the solar fountain pump, including different sprinkler heads and basic installation steps.

3. SETUP INSTRUCTIONS

1. **Unpack:** Carefully remove all components from the packaging.
2. **Choose a Nozzle:** Select one of the 8 provided spray nozzles according to your desired water pattern and height. Attach it firmly to the pump outlet.
3. **Place in Water:** Submerge the pump completely in water. Ensure the solar panel is facing upwards and exposed to direct sunlight. The pump will start automatically within 3 seconds once sufficient sunlight is detected.
4. **Install Fixed Rods (Optional):** To prevent the fountain from drifting or spraying water outside the container, insert the four fixed rods into the designated slots on the side of the pump. These rods help center the fountain.

8 Water Style



Image 3: Visual guide for installing the fixed rods to stabilize the solar fountain.

Your browser does not support the video tag. Please update your browser to view this content.

Video 1: This video demonstrates the assembly of the solar fountain pump, including attaching nozzles and installing the fixed rods, and shows its operation in a bird bath.

4. OPERATING INSTRUCTIONS

The SZMP Solar Fountain Pump is designed for automatic operation based on sunlight availability.

- **Direct Sunlight:** When exposed to direct sunlight, the solar panel powers the pump directly, and any excess energy charges the internal 2000mAh battery. The spray height can reach 40-60 cm.
- **Cloudy Days/Low Light:** The integrated 2000mAh battery allows the fountain to operate for 5-6 hours without direct sunlight after a full charge. On cloudy days, the spray height will be reduced to 10-20 cm.
- **Nozzle Selection:** Experiment with the 8 different nozzles to achieve various water patterns and spray heights.

8 Different Spray Style



Image 4: Examples of the 8 different spray styles available with the included nozzles.

Work in Cloudy Day

when the solar fountain battery is charged, it can work in cloudy day



Shadow



2000mah Battery
Long standby time of 6 hours

Image 5: The solar fountain pump working effectively on a cloudy day due to its internal battery.

5. MAINTENANCE

Regular cleaning is essential to ensure the longevity and optimal performance of your solar fountain pump.

- Clean the Filter Sponge:** The pump base contains an integrated filter sponge to block dirt, dust, and leaves. Periodically remove the filter sponge and clean it with water. Replace it if heavily soiled or damaged (3 additional sponges are included).
- Clean the Rotor Shaft:** Disassemble the pump to access the rotor shaft. Clean any debris or buildup from the rotor and its housing.
- Maintain Water Level:** Ensure there is always enough water in your bird bath or pond to keep the pump fully submerged. Running dry can damage the pump.

Your browser does not support the video tag. Please update your browser to view this content.

Video 2: This video demonstrates the process of cleaning the filter cotton and rotor shaft of the solar fountain pump.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Fountain not working	Insufficient sunlight	Ensure the solar panel is in direct sunlight. Allow time for the battery to charge if it's cloudy.
Weak spray or intermittent operation	Clogged filter or pump impeller	Clean the filter sponge and rotor shaft as described in the Maintenance section.
Pump not fully submerged	Low water level	Add more water to the container to ensure the pump is completely submerged.
Fountain drifts or sprays out of container	Not properly anchored	Install the four fixed rods to stabilize the fountain in the center of the bird bath or pond.

8 Water Style



Image 6: Visual troubleshooting guide for common solar fountain issues.

7. SPECIFICATIONS

- **Model Number:** SP33DB1
- **Brand:** SZMP
- **Material:** Plastic
- **Power Source:** Solar Powered
- **Solar Panel:** 3.5W Monocrystalline
- **Battery:** 2000mAh Lithium Battery
- **Nozzles:** 8 different styles included
- **Fixed Rods:** 4 included
- **Spray Height (Sunny):** 40-60 cm (15-23 inches)
- **Spray Height (Cloudy):** 10-20 cm (4-8 inches)
- **Battery Operation Time (Full Charge):** 5-6 hours
- **Lifespan:** Up to 30,000 hours
- **Country of Origin:** China

8. WARRANTY AND SUPPORT

For any questions, concerns, or support needs regarding your SZMP Solar Fountain Pump, please contact the seller or manufacturer directly. Please refer to your purchase documentation for specific warranty details and contact information.



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