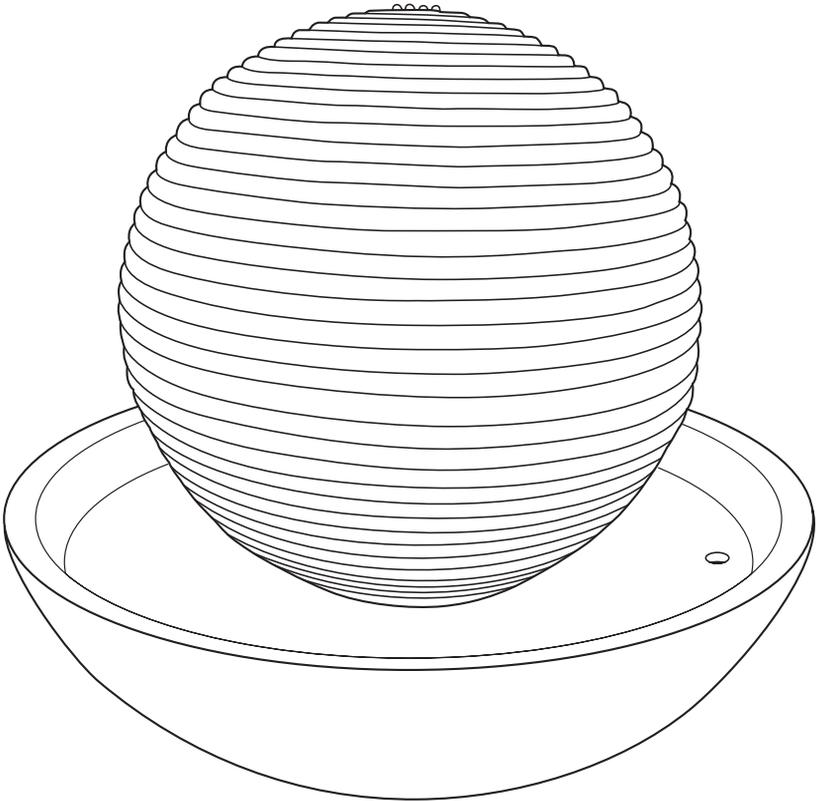




Solar Ball Water Feature with Battery Back-up

Information for use _____



Thank you for purchasing this Solar Ball Water Feature from Streetwize Garden.
Please read through all the information in this document and keep it for future reference.

Instructions For Use

The solar pump is for outdoor use. In order for the solar pump to operate, the solar panel needs to be in direct sunlight.

This solar pump has a backup battery pack, and it is controlled via a switch on the control housing. This will allow the pump and LED lights to work in the evening. Please note that the evening runtime will vary depending on the charge level of the battery and weather conditions.

PLEASE NOTE: For best results, allow the solar panel to charge the battery for a full day in direct sunlight before using the pump.

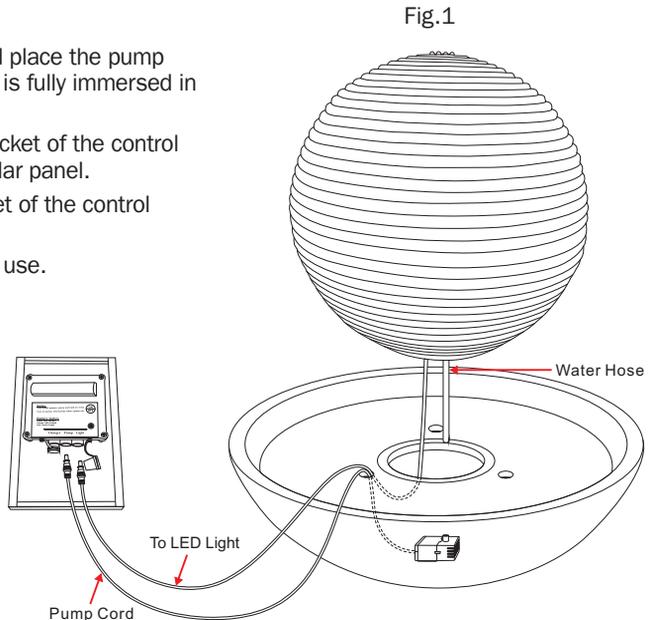
Assembling Your Product

1. Unpack all components carefully.
2. Connect the tube to the pump and place the pump underwater and make sure that, it is fully immersed in water.
3. Connect the pump cable to the socket of the control housing on the rear side of the solar panel.
4. Connect the LED light to the socket of the control housing (Fig.1).
5. The solar fountain is now ready to use.

Operating The Pump

ON/SLOW CHARGING: Press the switch on the control housing once to turn on. The pump will run until the battery is flat.

OFF/QUICK CHARGING: Press & hold the switch on the control housing for 3 seconds to turn off in sunlight hours. This allows full charging to the battery.



Battery Status

Green: Battery is full charged. Pump will run around 4-6 hours.

Orange: Battery is half charged. Pump will run around 2-4 hours.

Red: Battery needs charging. Pump will run less than 1 hour. (Note In order to protect the battery, don't manually turn on the pump frequently).

Note: The indicator light is solid when charging.

Safety Warnings

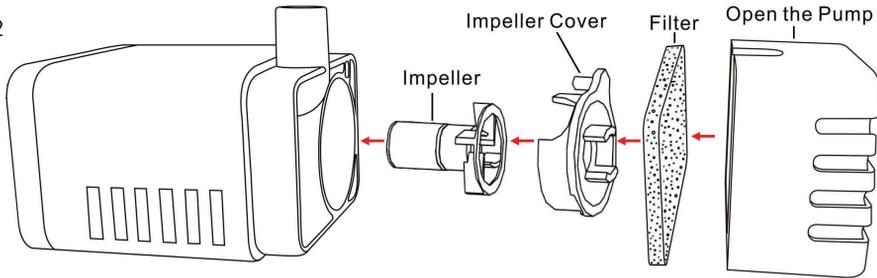
1. For safety reasons, please do not remove or change any components in the fountain. Doing so will invalidate your guarantee.
2. Do not connect pump to AC power source. It is only for use with DC power.
3. Use fresh water only.
4. Do not use with flammable liquids.
5. Take care not to damage the solar panel.
6. Do not use in water above 35°C.
7. Do not let the pump run dry.

Cleaning and Maintenance

Pump

If the pump stops working or is running slow, you will need to disassemble and clean the pump to remove any debris/limescale from the filter and motor chamber, as shown in figure 2.

Fig.2

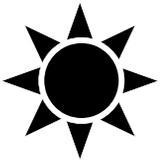


To disassemble the pump, ensure the unit is switched off. Remove the pump from the water tube and take the pump out of the water. Then, remove the pump cover, filter and impeller cover (Fig. 2). Clean them with fresh water and place them back inside the pump.

Solar Panel

The solar panel should be cleaned with a soft cloth on a regular basis to maintain optimum efficiency.

Pump Performance In Different Weather Conditions

Weather	Pump On (Slow Charging)	Pump Off (Quick Charging)
	<p>Solar runs the pump and charges the battery. Pump performance is maintained when the clouds pass. Pump runs on fully half an hour longer into the evening.</p>	<p>Battery should be fully charged in 1 day.</p>
	<p>Solar energy runs the pump and supplies some energy to the battery. Performance is maintained when the clouds pass. Pump will only run a shorter period of time in the evening.</p>	<p>Battery will take 2 to 3 days to fully charge.</p>
	<p>Pump will only run when there is sufficient power from the battery. Little or no battery charging occurs so pump performance is not maintained.</p>	<p>Battery will take several days to fully charge.</p>
	<p>No solar power is available, the pump will not run and battery will not charge.</p>	<p>Battery will not charge.</p>

Troubleshooting

Problem	Potential Cause	Pump Run Time
Pump not operating under full sunlight.	Pump is not connected to the solar panel. Impeller is blocked - to clean the pump, remove the front plate and the impeller. Use a small brush or fresh water to remove any debris.	Check connection to the solar panel. Remove blockage (see cleaning and maintenance).
Pump is operating but water is not running through the fountainhead.	Build-up of sediment or limescale inside the pump.	Clean tubes and filter (see Cleaning and Maintenance)

Storage

Ensure the battery is fully charged before storing and disconnecting all cables. We recommend the use of a cover to protect the water feature from dust/damage.

Technical Specification

Product name	Solar Ball Water Feature With Battery Back-up
Supplier Code	GW566
Lithium Battery	7.4V-2000mAh
Operation Voltage	9V DC
Water Flow Max	250LPH
Water Lift Max	1.2M
LED Light	4 x LED white light
Cable Length	5M
Solar Panel	3W



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