GW652

Solar Ball Garden Water Feature

Information for use



Add a modern touch to your garden with this Solar Ball Garden Water Feature. Featuring a textured sphere above a matching basin, this decorative fountain creates an attractive focal point for patios, courtyards and garden seating areas.

Please read through all the information in this document and keep it for future reference.

Health & Safety Warnings

1. For safety reasons, please do not remove or change any components in the water feature. Doing so will invalidate your guarantee.
2. Do not hang the solar panel upside down, use something waterproof to plug the jack when the jack is not use.
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.

Instructions For Use

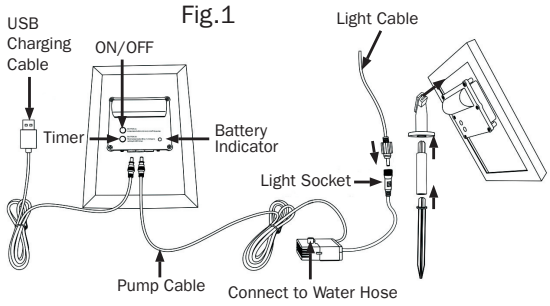
This solar pump is for outdoor use. For the solar pump to operate, the solar panel needs to be in direct sunlight. This solar pump has a backup battery pack, and it is controlled via a switch on the control housing. This will allow the pump and LED lights to work in the evening. Please note that the 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 24-48 hrs in direct sunlight before using the pump.

- A timer operation of 2/4/8h per 24h can also be set on the system.
- On days with little sun, the system can be charged via the included USB charging cable. Please ensure the cable is connected to a standard 5V USB power adapter (not included) to ensure safe and proper charging.

Assembling Your Product

1. Unpack all components carefully.
2. Connect the pump cable to the socket of the control box on the rear side of the solar panel. (Fig.1). Make sure to put the solar panel in direct sunlight.
3. Connect the light cable to the light socket of pump (Fig. 2).
4. Fill the fountain with fresh water.
5. Place the pump underwater and make sure that, it is fully immersed in water.
6. The solar water feature is now ready to use.

Fig.1



Battery Indicator Light & Status

When the battery is fully charged and without any sunlight input, pump will run around 6-8 hours. With strong sunlight input, could run for more than 8 hours.

Green: battery is full charged (81%~100%).

Orange: battery is partially charged (20%~80%).

Red: battery requires charging (below 20%). The pump will stop operating.

Note: The indicator light blinks red during charging using a USB cable (when the device is off) and will blink green once when the device is fully charged.

Operating The Pump

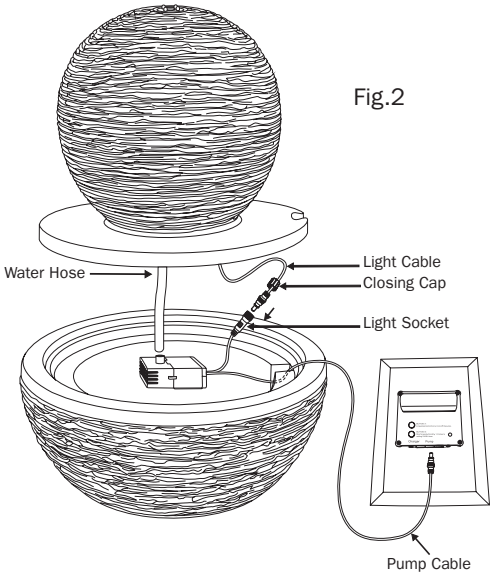
Turn on the pump in continuous work mode:
Press the A button for 3 seconds to turn on the pump. The pump will run until the battery power runs out. The battery then enters the charging state. The pump will start automatically the next day or once it has sufficient charge.

Change to timer mode:
Press B button once sets a timed task for 2 hours, during which the indicator light will flash once and the pump will work for 2 hours if the battery supply is sufficient.

Press B button twice sets a timed task for 4 hours, during which the indicator light will flash twice an interval and the pump will work for 4 hours if the battery supply is sufficient.

Press B button three times sets a timed task for 8 hours, during which the indicator light will flash three times an interval and the pump will work for 8 hours if the battery supply is sufficient.

Fig.2



- For example, if you set it to run for 8 hours but the battery runs out after 6 hours, the program will continue to count down to the 8-hour mark. If the battery is recharged and available between 6 and 8 hours, the pump will continue to operate. If not it will stop working and wait until the same time 24 hours later to automatically start the 8-hour timed task again if the battery is charged.
- If you do not want to set a timed task, you can simply press button A.

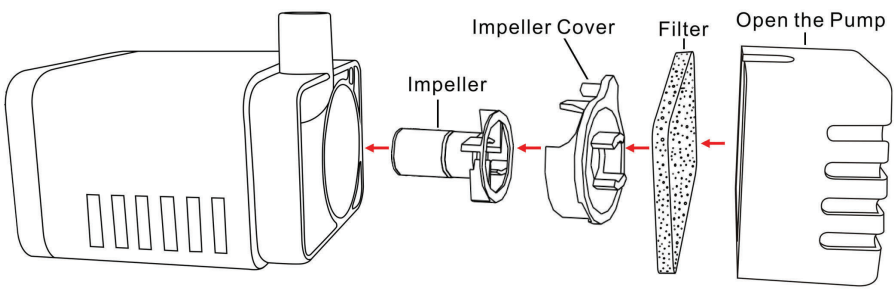
Quick charge full energy to the battery:
Press the A button and hold on 3 seconds to Turn OFF the pump in sunlight hours and charge the full solar energy to battery. Or use the USB cable (included) to charge the battery.

Cleaning & 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 Fig. 3.

Fig.3



To disassemble the pump, ensure the unit is switched off. Remove the pump from the water hose and take the pump out of the water. Then, remove the pump cover, filter and impeller cover (Fig.3). 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.

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 Garden Water Feature
Supplier Code	GW652
Lithium Battery	3.7V 4000mAh Li-Ion
Operation Voltage	8V DC
Water Flow Max	250LPH
Water Lift Max	1.2M
LED Light	1x 4-Pieces LED ring
Cable Length	5M
Solar Panel	5W 5V

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Marsland Road, Sale M33 3AQ

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