streetwize Garden

Solar Rock Stack Water Feature

With Back-Up On-Demand Lithium Battery *GW541*

Information For Use

To get the best use of this water feature, we highly advise that you read all the information and safety guidelines in this document.

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1. Streetwize Garden Solar Rock Stack Water Feature
2. Solar panel with On Demand Lithium Battery
3. Water pump
4. Stake for solar panel

Positioning This Solar-Powered Water Feature

When placing this water feature, ensure the solar panel is placed where it can get the most direct sunlight.

Avoid positioning the solar panel in an area where there is a lot of shade as this will affect the performance.

Assembly Instructions

Please follow the instructions below:

1. Remove the product from its packaging.
2. Place the water feature in a location where the solar panel can receive plenty of direct sunlight.
3. Connect the pump to the integrated tube. Then, thread the wiring of the water pump through the opening behind the unit (see figure 1).

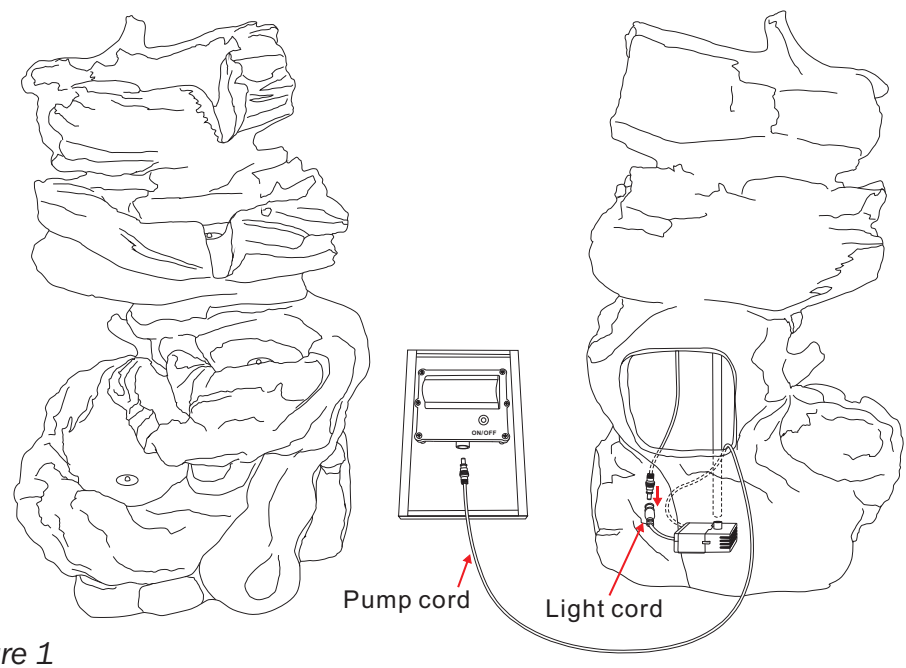


Figure 1

4. Connect the wiring for the water pump to the solar panel. Then connect the LED light to the pump as shown below (see figure 2).

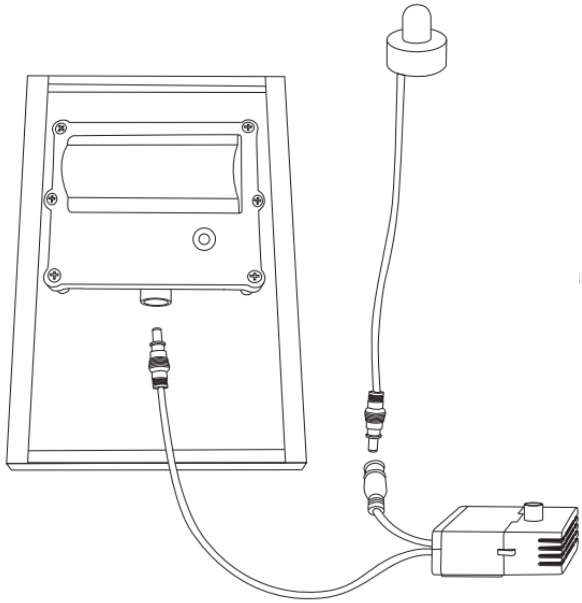


Figure 2

5. Attach the stake to the back of the solar panel (see figure 3) and then secure it into soft ground. Ensure the panel is well-positioned where it can get direct sunlight during the day.

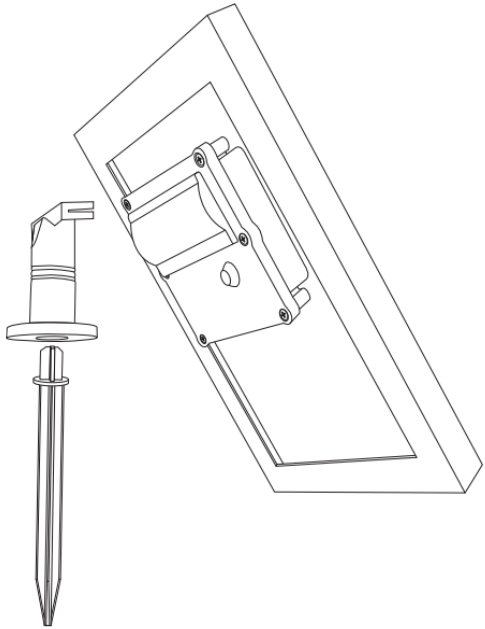


Figure 3

6. Fill the basin with water. The water level should be below the opening at the back of the unit. Ensure the water pump is immersed in the water.

On First Use

The built-in back-up lithium battery in this product will have been 70% to 80% charged upon manufacture. However, on the date of purchase, the battery will lose its charge during shipping and storage. For best results, allow the solar panel to charge the battery for a full day in direct sunlight before using the pump.

Direction for Use

Turn on the pump

Press to turn on the pump, the pump will run certain hours (ref to battery status) and stop working till battery power runs out. Then battery enters the charging state, when the battery reaches the starting power of pump, the pump will start automatically.

Stop the pump

Press to turn off the pump, the pump will stop.

Charge the battery

Press to turn off the pump and charge the full solar energy to battery during day time, press again to turn on the pump when you need it (on demand).

Working time

When the battery is full charged and without any sunlight input, pump will run around 6-8 hours. If with strong sunlight input, usually could run more than 8 hours.

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 below:

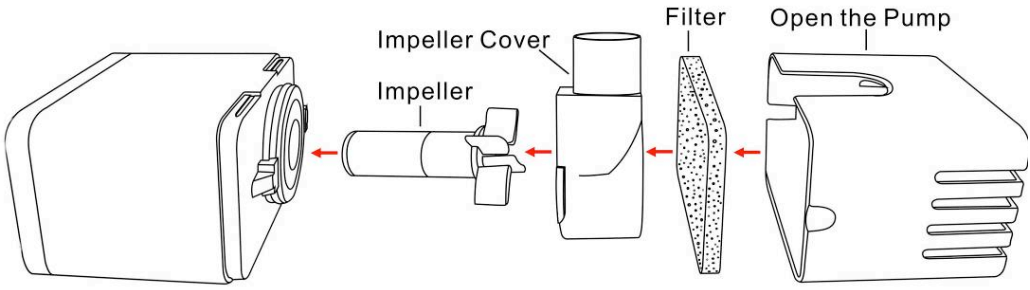


Figure 4

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 (figure 4). 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 an optimum efficiency.

Safety Warnings

Do not strike the solar panel.

Do not let the pump run dry for long time.

Do not lift the pump by the power cord.

Only use freshwater when using this water feature.

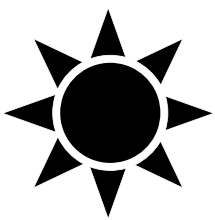
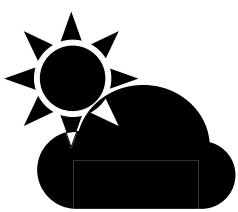
Storage

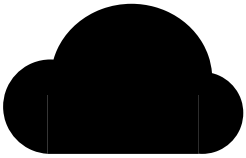
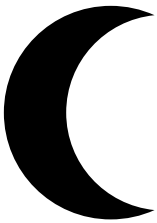
Ensure the battery is fully charged before storing and disconnecting all cables. We recommend the use of a cover to protect the water feature from dust/damage.

Troubleshooting

Troubleshoot	*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	Build-up of sediment or limescale inside the pump.	Clean tubes and filter (see Cleaning and Maintenance)

Pump Performance In Different Weather Conditions

Weather	*Pump On*	*Pump Off*
	Solar energy runs the pump and charges the battery. Pump performance is maintained when brief cloudy conditions occur. Pump runs up to 5 hours in the evening.	Battery should be fully charged in 1 day.
	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.	Battery will take 2 to 3 days to fully charge.

	Pump will only run when there is sufficient power from the battery. Little or no battery charging occurs so pump performance is not maintained.	Battery will take several days to fully charge.
	No solar power is available, the pump will not run and battery will not charge.	Battery will not charge.

Technical Specification

Product	Streetwize Garden Solar Rock Stack Water Feature
Supplier Code	GW541
Solar Panel	2W 5V
Operation Voltage	6.5V DC
Water Flow Max	200LPH
Water Lift Max	0.8M
LED Light	3pcs - Single LEDs
Cable Length	5M
Lithium Battery	3.7V-2000 mAh

WEEE

The WEEE symbol  on this product means that the water feature should be ethically dismantled or recycled to minimise environmental impact. Please check with your local authority for more information.

Manufacturer's Warranty: This product comes with a 12 month manufacturer warranty which starts on the date of purchase. The warranty covers technical faults during the 12 month period. Any issues caused by accidental damage or wear and tear is not covered by this 12 month manufacturer warranty.

For any warranty queries, please contact the retailer where you purchased the product.

Streetwize,
Suite GA, Marsland House,
Marsland Road, Sale M33 3AQ

For Product Support:
E: support@streetwize.co.uk
T: +44 (0)161 447 8597

EU Regd. Address:
Ace Supply Co (Europe) Ltd.
D02 A098, Republic of Ireland

www.streetwize.co.uk