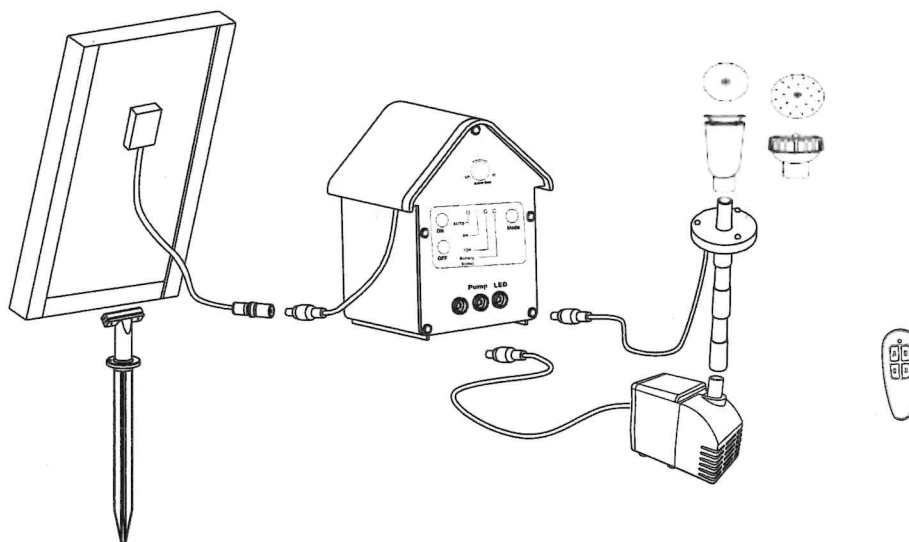


pondXpert SolaFlow 1750 Pump

1. OVERVIEW

- ❖ This solar pump is designed for fountain, pond or outdoor use.
- ❖ This solar pump can be operated by a remote control. After assembly the pump and press the “ON” button on the control housing. The solar pump will begin water shooting.
- ❖ This solar pump is designed with LED fountain light; when running the solar pump during the night, the fountain light will automatically illuminate the water spray.
- ❖ Water flow is controlled by user very easily via turning the water valve.

2. ASSEMBLY

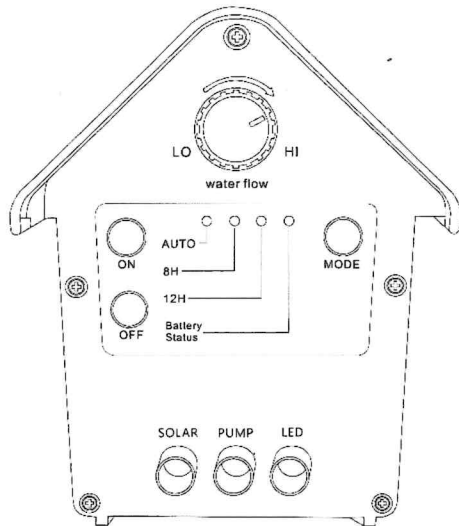


- Connect the solar panel to the control housing; attach the frame clamp with back side of solar panel and face up the solar panel **in direct sunlight** and insert the lawn spike.
- Place the pump underwater and make sure that, it is **fully immersed** in water. In case the pump tube is too far from the surface of water, you can raise the pump by using stones or brick underlay.
- Connect sprinkle heads and fountain light as required;
- Plug in the pump cable to the middle socket and the fountain light cable to the right side and the solar panel on the left side;
- The solar pump is now ready to use.

3. CAUTIONS

- ❖ Any altering of the product itself or changing of the components is forbidden.
- ❖ Do not connect the pump to any AC voltage power; it is intended **ONLY** for DC Voltage power.
- ❖ Operate in freshwater only (never above 50°C), and especially keep away from flammable liquids.
- ❖ Do not strike the solar panel, the control housing and the remote control.
- ❖ Do not let the pump run dry for long time.

4. OPERATING INSTRUCTIONS



Once installed, allow the solar pump to **charge at least 8 hours in direct sunlight** in order to fully charge the Battery.

ON/OFF: Press and hold the ON button to power on the system. The first green indicator light will turn on, showing that the system is now in Auto Mode. In this mode, the pump will operate automatically every day as long as the battery has sufficient power. The remote control is now ready for use. Press and hold the OFF button to power off the system.

8H: Press the Mode button to select the 8-hour daily cycle. The second green indicator light will turn on. The system will then operate automatically at the same time each day for 8 hours.

12H: Press the Mode button to select the 12-hour daily cycle. The third green indicator light will turn on. The system will then operate automatically at the same time each day for 12 hours.

Charging: Once the battery is charging, the 4th indicator light will blink every 2 seconds, and the light will have three color to show different battery status.

Green is full, orange is half-full, red is almost empty pump does't work.

Pump Lift: The pump lift can be adjusted using the turning knob or by pressing the B button on the remote control.

(Note: A higher water flow rate increases energy consumption and will reduce operating time.)

Remote control:

- ✧ Press A to turn the pump ON or OFF.

(Note: The main unit must be powered on before the remote control can be used.)

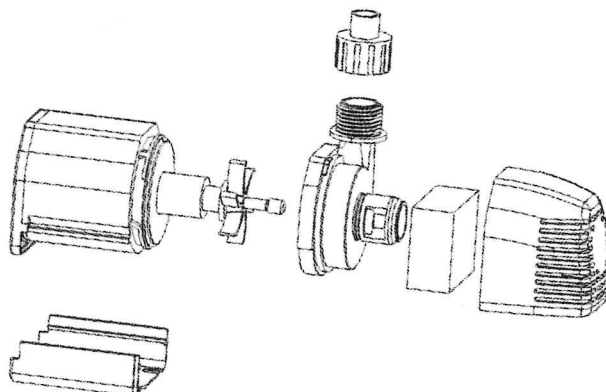
- ✧ Press B to switch between modes: Auto / 8H / 12H.
- ✧ Press C to turn the light ON or OFF.

(The light will only operate when the pump is running and during nighttime.)

- ✧ Press D to adjust the water lift.

5. CLEANING AND MAINTENANCE

Pump: If, after a period of time, the pump starts to lose power or stops working check for the build up of sediment, scale or dirt in the filter. Remove the pump cover and the impeller cover. Clean them and the filter by fresh water.



Solar panel: The panel should be cleaned periodically with a soft tissue. Regular cleaning of the panel is advised to maintain optimum conversion of the sun's energy into direct current.

6. REPLACE BATTERIES

If the pump stops working after it has been used for a long time (about over 12-18 months), maybe the battery is beyond its lifespan.

You may open the control housing to change a new rechargeable battery.

Lithium battery 14.8V-4AH

7. TROUBLE SHOOTING

(b) Pump does not operate even though the solar module is in full sunlight.

Check: Check connection to the solar module, the DC pump and fountain light.

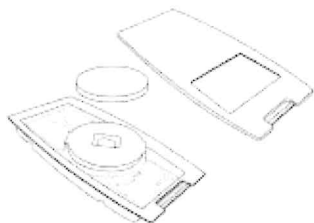
Check: Impeller is blocked – To clean the pump, remove the cover as above.

Use a small brush or stream of water to remove any debris.

(c) Press the remote control "switch on" button, but no water shoots out:

Check: The distance between remote control and the control housing might be beyond 10 meters or there may have major obstacle between remote control and the control housing

Check: If the LED on remote control does not light up when "ON" or "OFF" is being pressed, replace the button cell battery inside the remote control.



Open the remote control back cover carefully.
Replace the button cells by a fresh set according to polarity shown as diagram.

8. TECHNICAL DATA

Solar Panel:	24W
Operation Voltage:	15V-18V DC
Water Flow Max.	1750LPH
Water lift Max.:	2.6M
Water Projection Height	Max.2.2M
LED Light	4 LED white light
Cable Length	5M
Rechargeable Battery	Lithium battery 14.8V-4AH
Remote control distance	Max. 10 meters around the solar pump

GUARANTEE

This product is guaranteed for a period of 12 months from the date of purchase for material or manufacturing defects. The guarantee covers the substitution of defective parts. If your pondXpert pump fails please take it back to the retail outlet from where it was purchased. You will be required to take your receipt/proof of purchase with you. This does not affect your statutory rights.

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Your appliance contains valuable materials which can be recovered or recycled. Leave it at a local civic waste collection point.