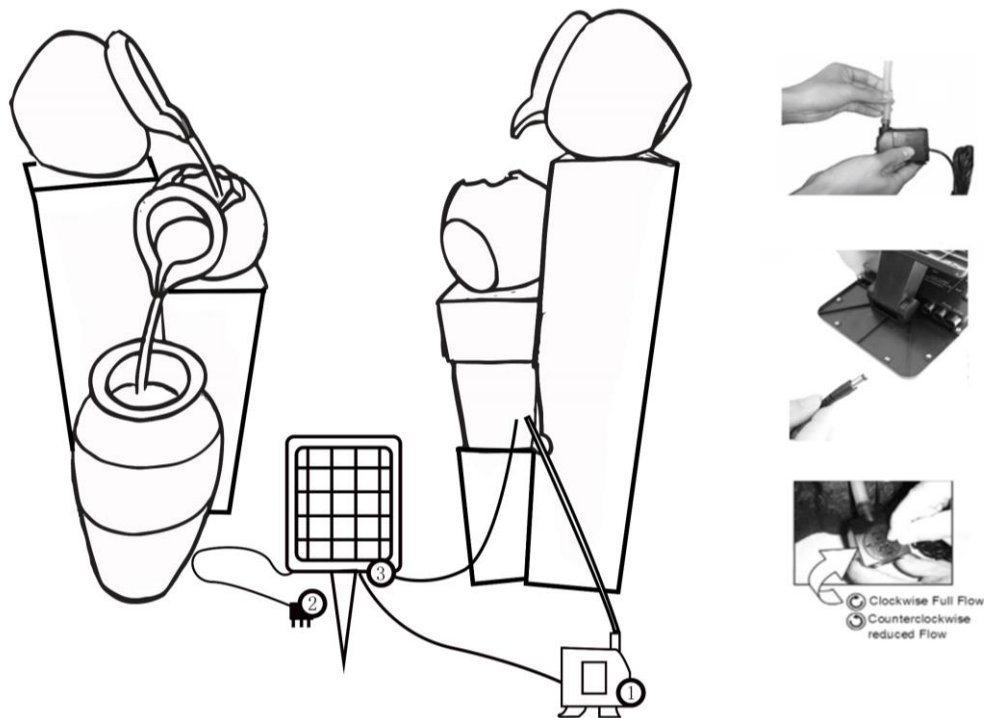


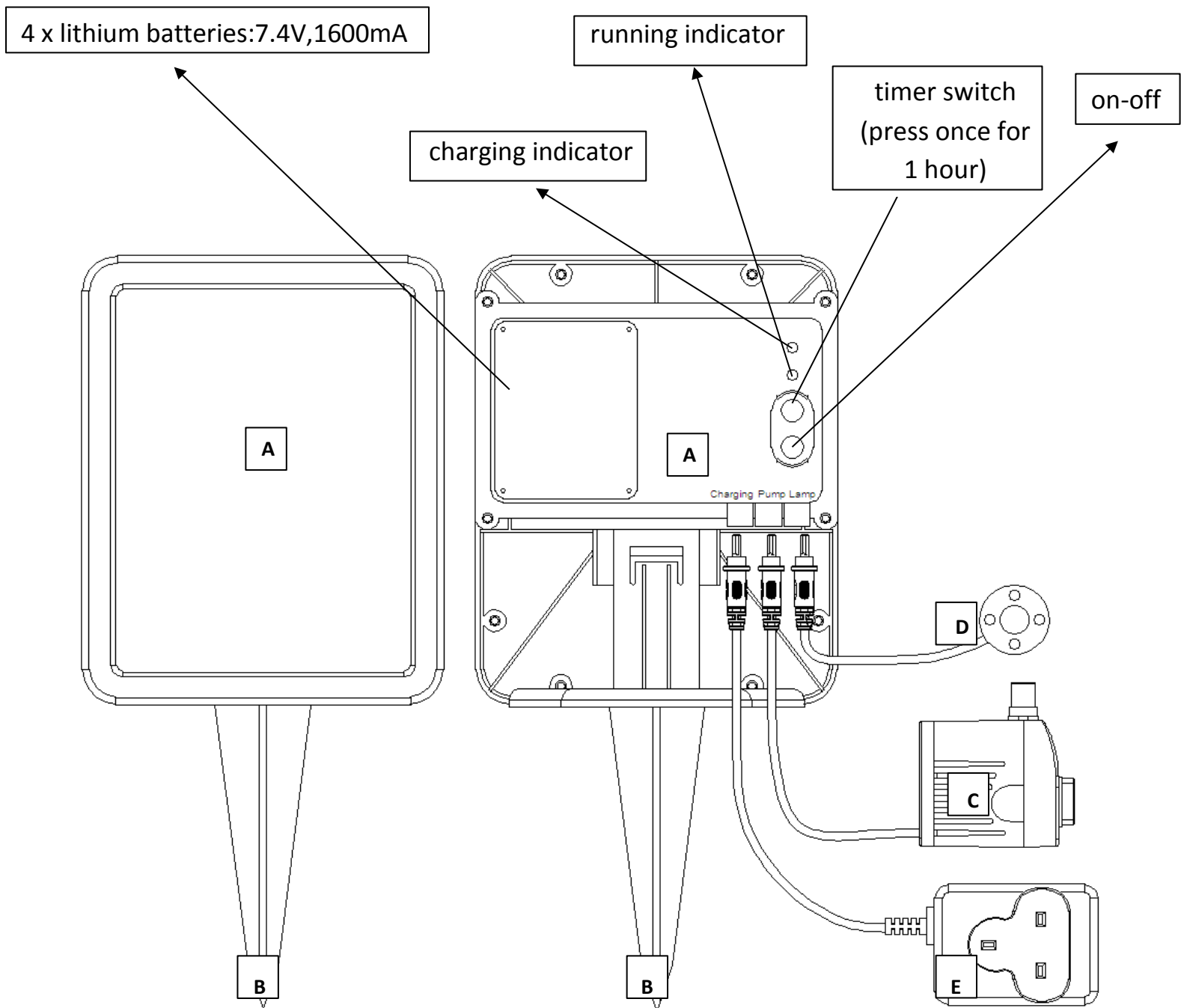
# Assembly Instructions

Product Code : **PWFG2025**

Thank you for purchasing a Solar Creations Water Feature which includes a SPK250B6v Solar Pump Kit.



- Remove cover in back of solar panel & put in x4 batteries provided
- Connect mains charger to solar panel and charge indoors for 8 hours (The sun will recharge after initial mains charge)
- Remove charger and take solar panel to the location of water feature
- Connect clear pipe from top bowl to pump
- Connect pump lead to your solar panel
- Place your light in bottom bowl
- Connect light to solar panel
- Fill with water until pump is covered
- Press the “on” button
- Timer button can be pressed and pump will work for 1 hour



**What's included?**

4x lithium batteries

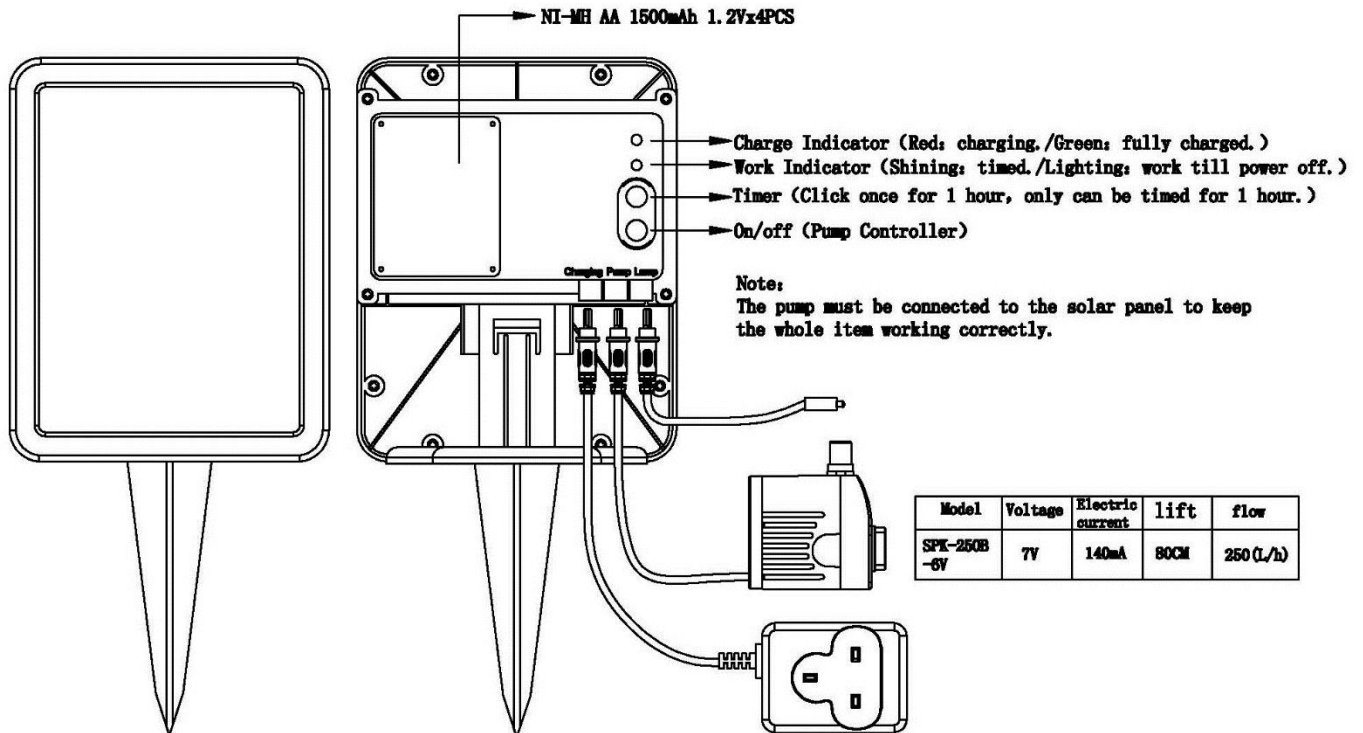
A Solar panel

B Ground peg

C Pump

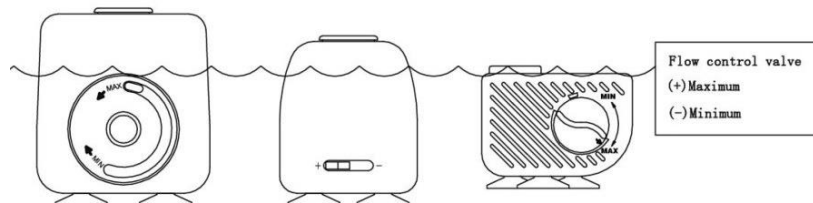
D Led Light (only supplied with certain products)

E Indoor Mains Charger



**Operating Instructions**

- Remove your "Solar Pump Kit" from the box
- Fit the batteries into the Solar Panel *and charge for 8 hours using the supplied mains charger*
- When the top light is flashing your battery is charging*
- When the light is green your Solar Panel is ready to use*
- Attach "A" Solar Panel to "B" Ground Peg & place in ground
- Attach "C" pump to the socket marked pump on the reverse of solar panel
- Please make sure the pump plug is fully inserted into the panel*
- Ensure your solar panel is situated in direct sunlight (Solar panel is weather proof but not submersible)*
- Avoid shady areas eg. near trees, houses, walls etc*
- Place your pump into the water feature/pond
- Fill your Water feature/pond to maximum level of water
- Ensure minimum water level is similar to diagram below



- The pump is now ready to use
- To turn it on push the on/off button on the rear of the panel
- The pump will now run continuous until it is switched off or the battery charge runs out*
- If you use the timer switch the pump will run for 1 hour
- The batteries will recharge when the solar panel is in direct sunlight or can be recharged using the supplied indoor charger
- If your kit contains a LED light "D" this is attached to the socket marked "lamp" on the reverse of your solar panel

*Only charge your solar panel indoors, unplug your pump & led light before charging*  
*The rechargeable batteries can be replaced if required*

**Thank you for purchasing a Solar Creations Water Feature. This Water feature is battery powered and battery pack can be recharged by sunlight via solar panel or the supplied mains indoor charger**

Please see below helpful tips to ensure your solar panel and water feature are correctly installed.

- The Solar Pump (and LED lighting – selected models) is powered by rechargeable batteries.
- We recommend that you FULLY charge batteries before using for the first time by using the indoor charger provided.
- Open pack of rechargeable batteries – unscrew battery compartment at the back of the solar panel to install batteries, please take care that batteries are placed in compartment correctly before replacing battery compartment cover.
- Plug in your indoor charger and connect lead cable to solar panel. The charging light will flash whilst charging.
- Please note that charge time is around 8 hours to fully charge the batteries.
- Once indoor charging complete, disconnect indoor charger and take solar panel outdoors to your water feature location and connect your water feature pump lead cable to the appropriate connector port fitting at the back of the solar panel.
- To connect pump to water feature – take the clear pipe already fitted inside water feature to top bowl and connect this to your pump.
- If lighting provided with your feature – place your light in bottom bowl and connect lighting lead cable to the appropriate connector port fitting at the back of the solar panel.
- Please make sure all connections are firmly pushed into connector ports at the back of panel
- Position your solar panel in optimum area in your garden to benefit from sunlight for charging (place in ground using ground peg provided and angle panel backwards)
- Fill bottom reservoir with water until pump is submerged
- TO OPERATE YOUR WATER FEATURE: Please note: You will need to press the ON/OFF BUTTON at the back of the solar panel to power the water feature pump and lights. While the feature is working the running light on the solar panel will light up RED
- On a FULL battery charge your feature will run for around 3 to 4 hours.
- TIMER BUTTON: press timer button to operate pump for 1 hour
- After your water feature stops working the batteries will need to be recharged either via your solar panel outdoors OR by disconnecting your solar panel and using your indoor charger plug
- To charge via solar panel outdoors - Press the On/Off button once to turn the Solar panel OFF - your solar panel batteries will now recharge from sunlight.
- IMPORTANT NOTE: When charging outdoors using solar panel: If you do not SWITCH OFF the solar panel to enable batteries to fully charge the sunlight will charge your batteries but your water feature will only work intermittently

## Trouble shooting

Q. Have you installed the rechargeable batteries into the solar panel?

A. Some solar panels have the batteries preinstalled. If not please remove the plastic packaging and install the batteries into your solar panel.

Q. Have you charged your battery powered solar panel for 8 hours?

A. The batteries in your solar panel will require an 8 hour charge. Please use the indoor mains charger provided or place in direct sunlight. Our recommendation is to use the indoor charger for the first charge. Please ensure the solar panel is switched off during the charging process, this applies to recharging as well.

Q. Is your pump & light (if applicable) connected to the solar panel?

A. After the initial indoor charge please ensure that your pump & light are firmly connected to the ports in the back of your solar panel

Q. Is your water feature working intermittently?

A. If your water feature is working intermittently it does not have enough battery power for continuous use. Switch the panel off using the on/off button on the reverse of the panel and let it recharge. Keep the solar panel in direct sunlight or charge indoors, switch the panel on again after recharge.

Q. Is your water feature is still not working and you have tried all of the above?

A. Remove rechargeable batteries from the reverse of the solar panel. Temporarily replace the rechargeable batteries with standard x4 AA to check that there is not a fault

Q. My Solar water feature has been running for less time on a full charge?

A. Your rechargeable batteries will weaken over time with repeated recharging. You may eventually need to purchase new rechargeable batteries to be exchanged for the old ones and fitted into solar panel compartment.



**SPK-250B6v**  
**SOLAR PUMP KIT**  
with **BATTERY BACKUP**



### **SAFETY INSTRUCTIONS**

- Always maintain a level of water to sufficiently cover the pump.
- Always unplug the pump from solar panel before cleaning and handling.
- Use with clean water only & DO NOT place it in other liquid.
- Never let the pump run dry.
- Do not use the pump in water above 86 F or 30°C. .
- DO NOT lift, carry, or pull the pump by the power cord.
- DO NOT replace the pump cord & stop using the pump if it sustains damage.

### **PUMP MAINTANCE & TROUBLESHOOTING**

#### **To clean the pump**

- Unplug the pump from solar panel. Use a small soft brush or place it under water stream to remove debris.

#### **To keep water clean**

- Periodically change water to prevent water from becoming sticky and forming microorganisms.

#### **If the pump fails to run, the following should be checked:**

- NOTE-Always disconnect the pump from solar panel before checking.
- Check the water level to make sure the pump is completely submerged.
- Check the pump discharge and tubing for kinks and obstructions.
- Algae buildup can be flushed out with a garden hose.
- Remove the pump front cover & plate to access the impeller area.
- Turn the rotor to ensure it is not broken or jammed.
- Gently pull the impeller/rotor assembly out of the pump housing.
- Rinse the impeller/rotor assembly and the cavity with clean water.
- If breakage or surface damage is found please contact Aqua Flo for spare parts or a replacement product.

**Your Solar Pump Kit has a 1 year limited warranty**

**[www.aquacreationsuk.com](http://www.aquacreationsuk.com)**  
**[www.aquaflopump.com](http://www.aquaflopump.com)**