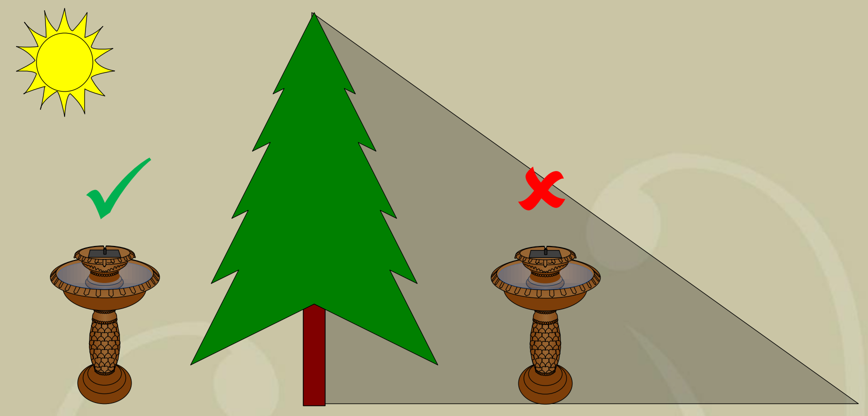
Position - Position - Position - Position



Operation - Operation - Operation - Operation

Supplied in off (0) position to protect battery, rotate switch to operate.
Supplied in off (0) position to protect battery, rotate switch to operate.
Supplied in off (0) position to protect battery, rotate switch to operate.
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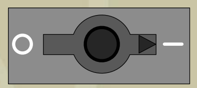
Performance - Performance - Performance - Performance



Switch always on (I)
Switch always on (I)
Switch always on (I)
Switch always on (I)

This mode should be used if you want your water feature to operate during the day with consistent performance. The battery provides top up power during overcast conditions and will enable the pump to run on longer in the evening. (See details of performance in various conditions)
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Battery – Battery - Battery - Battery

Rechargeable battery packs become less efficient with repeated charge and discharge cycles. The capacity of the battery may also reduce over time and you may not achieve the 6 hour operation. If you find that the battery appears less efficient or does not run as long we first suggest you try to boost charge it. To do this leave off for 3 to 5 sunny days to allow the maximum charge to the battery. We suggest you do this occasionally anyway to help prolong the battery life. If after this boost charge your battery still does not perform to expectations you should seek a replacement from Smart Solar (available via our website www.smartsolar.com). All our battery packs are covered by a 1 year warranty.
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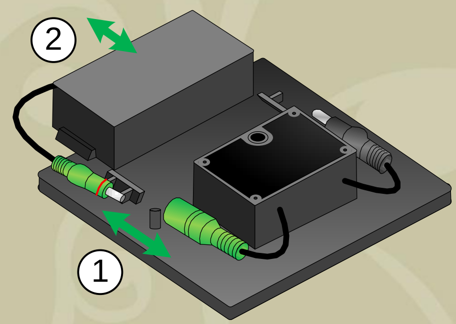
Battery Changing – Battery Changing – Battery Changing – Battery Changing



Unplug green battery connector (1) and slide out the battery pack (2). Replace with new battery and reconnect.
Unplug green battery connector (1) and slide out the battery pack (2). Replace with new battery and reconnect.
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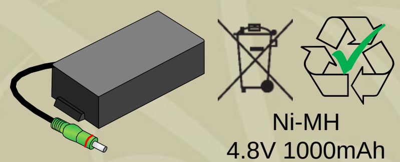
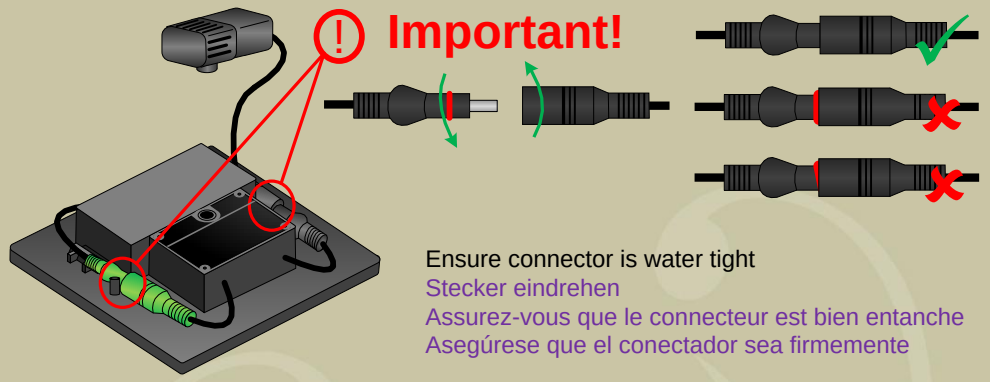


Ni-MH
4.8V 1000mAh

Dispose of battery according to local regulations
Dispose of battery according to local regulations
Dispose of battery according to local regulations
Dispose of battery according to local regulations

Connections – Connections – Connections - Connections



Ensure connector is water tight
Stecker eindrehen
Assurez-vous que le connecteur est bien entanche
Asegúrese que el conectador sea firmemente

Problem Solving – Problem Solving - Problem Solving - Problem Solving

1. Check the fountain is positioned correctly, receiving sunlight and not in shade
2. Check water level and ensure the pump is submerged
3. Check connections between the pump, panel and battery
4. Check tubes, fountain heads and nozzles are clean and unblocked
5. Clean pump and panel as shown and change water
6. Check battery and boost charge it as described above
7. If problems persist contact customer services (refer to contact sheet or website)

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2. Check water level and ensure the pump is submerged
3. Check connections between the pump, panel and battery
4. Check tubes, fountain heads and nozzles are clean and unblocked
5. Clean pump and panel as shown and change water
6. Check battery and boost charge it as described above
7. If problems persist contact customer services (refer to contact sheet or website)

www.smartsolar.com

solar 2 tier fountain

Assembly - Montage - Assemblage - Montaje

Style of fountain may vary from that shown but assembly method is the same.
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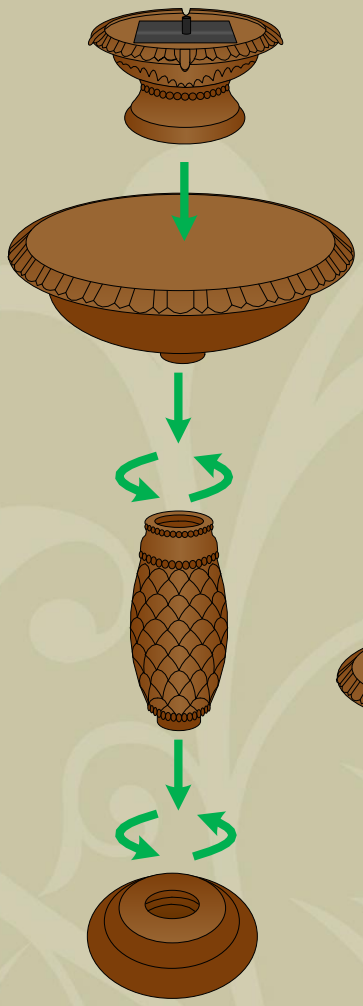

Solar panel and pump are pre-assembled into the top tier. Just align the top tier and place into the top bowl.
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Top bowl, column and base screw together.
Note: Base and column may be supplied as 1 part.
Top bowl, column and base screw together.
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Top bowl, column and base screw together.
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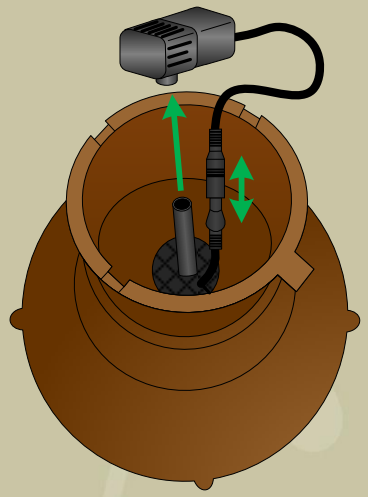
Note: Base and column may be supplied as 1 part.

Fill main bowl with water. Keep regularly topped up.
Fill main bowl with water. Keep regularly topped up.
Fill main bowl with water. Keep regularly topped up.
Fill main bowl with water. Keep regularly topped up.

Pump Removal (for maintenance)



Remove the top tier and turn upside down on a soft surface. As you turn ensure the solar panel is supported so that it does not fall out. Remove the pump from the connecting tubes and disconnect the cable.
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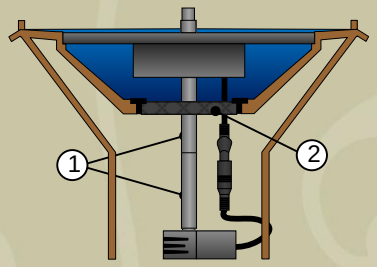

When re-assembling ensure tubes (1) are connected and bung (2) is securely fitted in the hole.
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When re-assembling ensure tubes (1) are connected and bung (2) is securely fitted in the hole.
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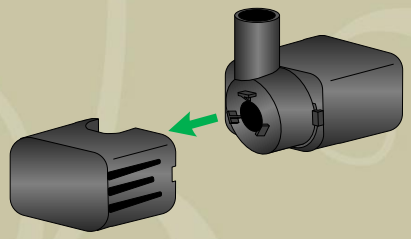
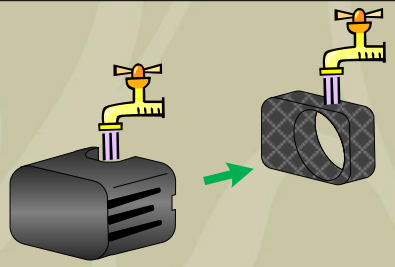
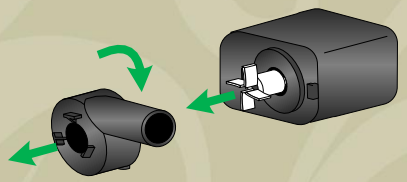
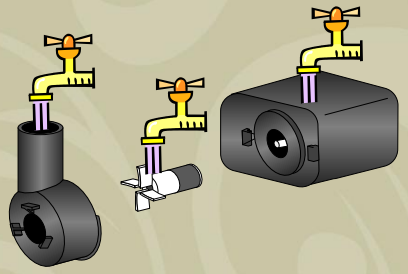
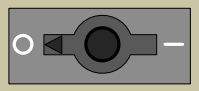
Pump cleaning - Pump cleaning - Pump cleaning - Pump cleaning











Switch off (O) until required
Switch off (O) until required
Switch off (O) until required
Switch off (O) until required

This mode should be used if you want your battery to charge so that your water feature can be used regardless of the time of day or weather conditions. The duration of operation will depend on the weather conditions. Leave your water feature off during the day whilst you are out at work and switch it on during the evening when you can enjoy it. Your feature will even work when it is dark provided there is sufficient charge in the battery. Alternatively leave it off for a number of days to ensure the battery is fully charged for a special event. The battery has sufficient capacity to run the pump for up to 6 hours without sun (see details below for typical recharge times). Always switch off when not required to conserve power.
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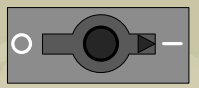
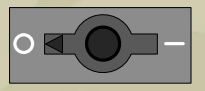
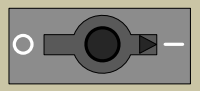
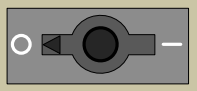
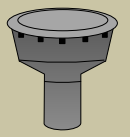
Weather		
Weather Weather Weather		
	Solar runs the pump and charges the battery. Pump performance is maintained when clouds pass the sun. Pump runs on longer in the evening until the battery is flat. Solar runs the pump and charges the battery. Pump performance is maintained when clouds pass the sun. Pump runs on longer in the evening until the battery is flat. Solar runs the pump and charges the battery. Pump performance is maintained when clouds pass the sun. Pump runs on longer in the evening until the battery is flat. Solar runs the pump and charges the battery. Pump performance is maintained when clouds pass the sun. Pump runs on longer in the evening until the battery is flat.	Battery should fully charge in 1 day. Battery should fully charge in 1 day. Battery should fully charge in 1 day. Battery should fully charge in 1 day.

Weather Weather Weather Weather		
	Solar runs the pump and supplies some charge to the battery. Pump performance is maintained when clouds pass the sun if there is charge in the battery. Pump will only run on longer in the evening if charge has built up in the battery. Solar runs the pump and supplies some charge to the battery. Pump performance is maintained when clouds pass the sun if there is charge in the battery. Pump will only run on longer in the evening if charge has built up in the battery. Solar runs the pump and supplies some charge to the battery. Pump performance is maintained when clouds pass the sun if there is charge in the battery. Pump will only run on longer in the evening if charge has built up in the battery. Solar runs the pump and supplies some charge to the battery. Pump performance is maintained when clouds pass the sun if there is charge in the battery. Pump will only run on longer in the evening if charge has built up in the battery.	Battery will take 2 to 3 days to fully charge. Battery will take 2 to 3 days to fully charge. Battery will take 2 to 3 days to fully charge. Battery will take 2 to 3 days to fully charge.
	Pump will only run when there is sufficient power from the solar panel. Little or no battery charging occurs so pump performance is not maintained and does not run on longer. Pump will only run when there is sufficient power from the solar panel. Little or no battery charging occurs so pump performance is not maintained and does not run on longer. Pump will only run when there is sufficient power from the solar panel. Little or no battery charging occurs so pump performance is not maintained and does not run on longer. Pump will only run when there is sufficient power from the solar panel. Little or no battery charging occurs so pump performance is not maintained and does not run on longer.	Battery will take several days to fully charge. Battery will take several days to fully charge. Battery will take several days to fully charge. Battery will take several days to fully charge.
	No solar power is available, pump will not run and battery will not charge. No solar power is available, pump will not run and battery will not charge. No solar power is available, pump will not run and battery will not charge. No solar power is available, pump will not run and battery will not charge.	Battery will not charge. Battery will not charge. Battery will not charge. Battery will not charge.

Accessories – Accessories - Accessories - Accessories



The fountain head accessory can be used to enhance your fountain.
Note: It will only work effectively in bright sunlight or if battery is charged.
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The extension nozzle can be used to raise the fountain head further above the water or on it's own to produce a finer higher stream of water.
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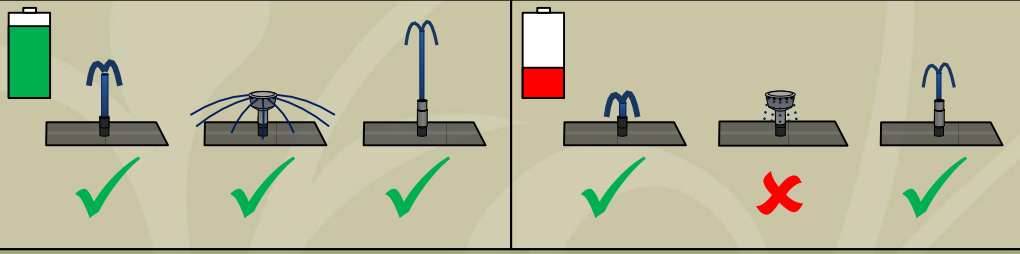
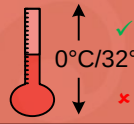
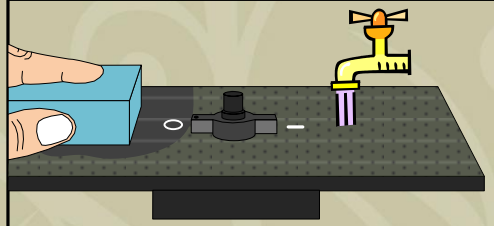


Frost – Frost - Frost - Frost



Frost causes damage, store whole product inside during cold weather
Frost causes damage, store whole product inside during cold weather
Frost causes damage, store whole product inside during cold weather
Frost causes damage, store whole product inside during cold weather

Maintenance – Maintenance - Maintenance - Maintenance



Use water or glass cleaner
Use water or glass cleaner
Use water or glass cleaner
Use water or glass cleaner