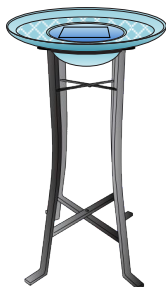


Birdbath IntelliSolar Fountain with Remote Control



* Styles may vary but assembly will be consistent with this manual



Style #1
Birdbath & Metal Stand
with Ceramic/Concrete Bowl



Style #2
Birdbath & Metal Stand
with Glass Bowl



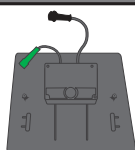
Style #3
Birdbath with matching
Bowl & Stand

Solar Kit Components

NOTES:

The round mounting ring (part D) is only included with Birdbaths that have a round reservoir in the bowl.

The 1-inch extension tube (in part E) can be used on the panel to raise up the sprayer or under the panel to lower the pump deeper.



Solar Panel (part A)



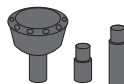
Battery (part B)
(Attached to bottom of part A)



Pump with water
sensor (part C)



Mounting Ring (Part D)



Fountain Head Set (Part E)

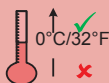


Remote Control (Part F)

Warning! Important Read Me!



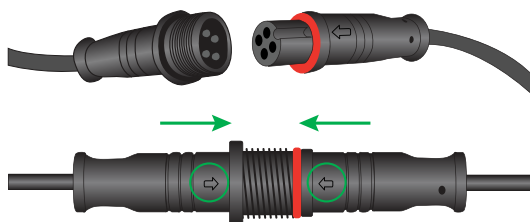
In strong sunlight or windy conditions, the water may splash outside of the birdbath. We recommend the water be regularly topped off and changed to ensure it remains clean and free from debris.



Important!

Frost / freezing temperatures cause damage. Empty water and store whole product indoors (garage, shed, basement) during winter if you live in an area where temps fall below 40°F. Leaving it outside and covering it does not count as winter storage. Any parts damaged by freezing temps are not covered under warranty.

Plug Connection for Pump



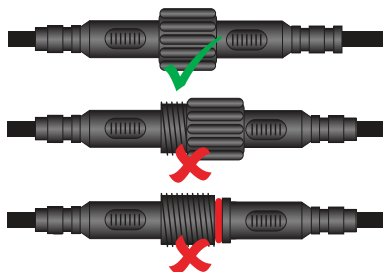
BEFORE USE: Ensure that the plug connection is water tight.

(Step 1) Line up arrows on plugs

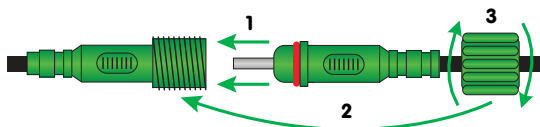
(Step 2) Push plugs together until they touch the rubber o-ring.

(Step 3) Slide the threaded cap over the plug.

(Step 4) Turn the cap until completely tight.



Plug Connection for Battery

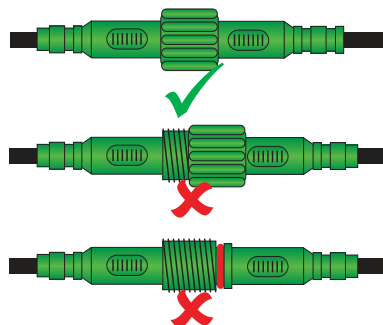


BEFORE USE: Ensure that the plug connection is water tight.

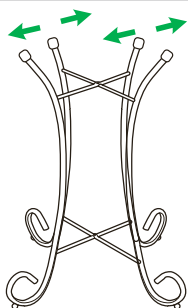
(Step 1) Push plugs together until they touch the rubber o-ring.

(Step 2) Slide the threaded cap over the plug.

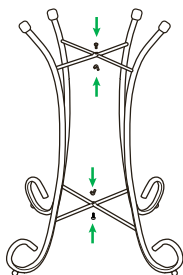
(Step 3) Turn the cap until completely tight.



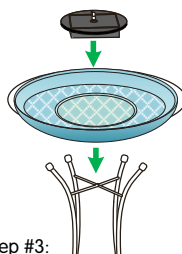
Style #1 - Assembly for glass birdbath with rubber caps on top of stand



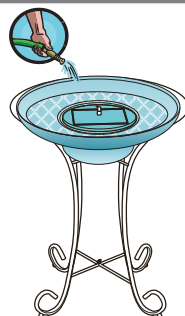
Step #1:
Open stand



Step #2:
Tighten wingnuts



Step #3:
Place bowl on stand.
Check plug connections,
insert pump into panel,
place kit in bowl.

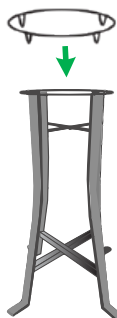


Step #4:
Fill bowl with water

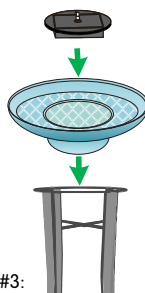
Style #2-Assembly for ceramic/cement birdbath with metal ring on top of stand



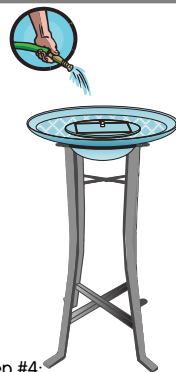
Step #1:
Open stand



Step #2:
Attach metal ring to stand

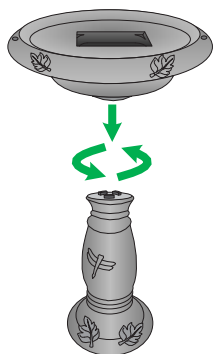


Step #3:
Place bowl on stand.
Check plug connections,
insert pump into panel,
place kit in bowl.

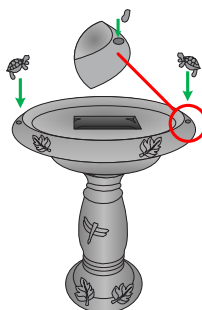


Step #4:
Fill bowl with water

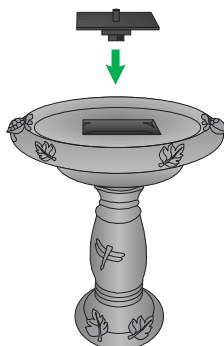
Style #3 - Assembly for birdbath with bowl and stand made of the same material



Step #1:
Attach bowl to stand



Step #2:
If your fountain includes
accents insert the pin under
the accent into the hole in
the edge of the bowl



Step #3:
Check plug connections,
insert pump into panel,
place kit in bowl.

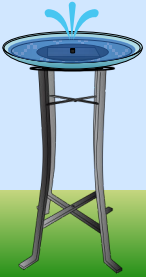


Step #4:
Fill bowl with water

Location



Direct Sun



Not Direct Sun



No Shade



No Screens



No Clouds



**No Windows
No Indoor Light**

Position your solar fountain outside in direct sun. The more hours of direct sun it receives the better it will perform. If the fountain does not receive any direct sun at all then the battery will not be able to get charged resulting in poor performance or not working at all. If you have several days of very cloudy weather and did not turn the fountain off then the pump will stop after the battery is empty and you'll need to wait until it's sunny again for the fountain to work.

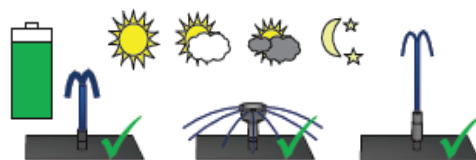
If you want to run the fountain in an area that is not sunny, then turn it off, place it in direct sun for a few hours (or as long as possible) to charge the battery up. Then after the battery is charged you can run it from the battery in any location, in any weather conditions, day or night... but it must be charged in direct sun first.

When the unit is running and then becomes shaded and not in direct sun the battery will automatically run the pump.

Performance

This product is designed primarily to operate in summer months but will also work in spring and autumn provided there is good sunshine. Performance is directly related to the amount and strength received.

When in direct sun or the battery is fully charged



When not in the sun and the battery is low



Weather

When Fountain Turned On...

When Fountain Turned Off...

Sunny
No Clouds



Direct sun runs the pump and any extra energy will trickle charge the battery at the same time.

Battery should fully charge in 1 sunny day.

Light Overcast
Partly
Cloudy



As clouds pass the battery will automatically activate when needed to keep the pump running consistently so the battery will get used throughout the day.

Battery may take 2-3 days to fully charge with light overcast.

Heavy Overcast
Dark
Clouds



The battery will run the pump if the battery is charged. When the battery is depleted the pump will stop running.

Battery will not charge when very cloudy.

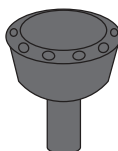
Dusk to Dawn
Night



At night the pump will only run if the battery is charged. When the battery is depleted, the pump will stop running.

Battery will not charge in the evening when the sun is too low or at night.

Fountain Heads



The 360° fountain head accessory can be used to enhance your fountain.

Note: It will only work effectively in direct sun or if battery is charged.



The short nozzle can be used to produce a finer higher stream of water.

Note: May need to be removed when windy to avoid splashing.



The longer tube can be used by itself as a bubbler, or as an extension to raise up other heads, or under the panel to lower the pump deeper.

Remote Control



Our IntelliSolar technology comes with a remote so you can control your fountain from a distance. It has buttons for On, Off, 1hr, 2hr, and 4hr hour timers. If you press the ON button and the pump is under water then it will run as long as it can until the battery is depleted. If you can press one of the timer buttons you can enjoy the fountain now and save any leftover charge in the battery for later. If you press the OFF button you can charge the battery while the solar panel is in the sun.

LOST YOUR REMOTE? NO WORRIES!

We designed this solar kit so that if you ever lose or break your remote you can still use your fountain. If you don't have the remote and want the pump to stop running simply take it out of the water, dry off the pins on the back of the pump, and it will automatically stop running. When you place it back in the water the pump will automatically start running again (if in direct sun or the battery is charged). You can order a replacement remote from our parts dept online, by email or phone.

How to Replace Battery in Remote



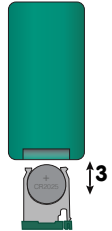
When you press any button on the remote a red light will illuminate. If not, you may need to replace the battery in the remote.

(Step 1) Push in the tab on the right side to release it.

(Step 2) While holding in the tab slide the tray out.

(Step 3) Replace the battery and install tray.

3V Coin Battery
Model# CR2025



⚠ WARNING

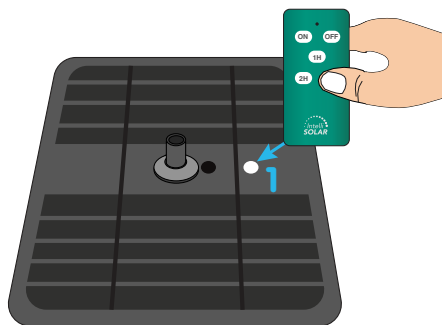
- **INGESTION HAZARD:** This product contains a button cell or coin battery.
- **DEATH** or serious injury can occur if ingested.
- A swallowed button cell or coin battery can cause **Internal Chemical Burns** in as little as **2 hours**.
- **KEEP** new and used batteries **OUT OF REACH** of **CHILDREN**
- **Seek immediate medical attention** if a battery is suspected to be swallowed or inserted inside any part of the body



How to Pair Remote Control and Solar Panel

If you ever lose or break your remote you can order a replacement and pair the new remote to your solar panel. You can also pair 1 remote to multiple panels so you can control several fountains simultaneously.

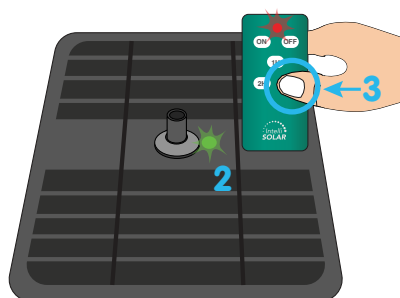
(Step 1) Hold the bottom left corner of the remote over the white 'O' mark on the panel.



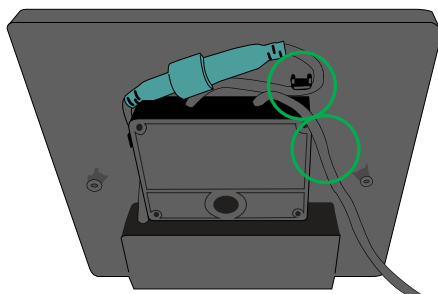
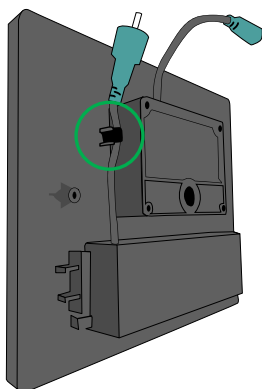
(Step 2) When in the correct position a green light near the center spout will illuminate.

(Step 3) Hold the remote in the current position and press any button on the remote. The red light on the remote will illuminate and the green light on the panel will blink twice to indicate that it was successfully paired.

Now you can move the remote away from the panel.



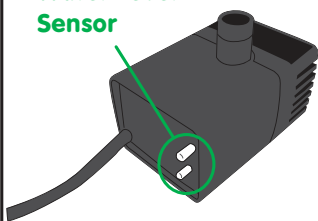
Cable Control Clips



The bottom of the solar panel has cable control clips. They are tabs that you can use to hold the cables neatly in place if desired. Optional, not required.

Auto On/Off Water Sensor

Water Level Sensor



This fountain features our Pump Protection Technology. The pump is equipped with a built in water sensor that uses 2 metal prongs on the back side. If the water level gets low due to evaporation or splashing when the 2 metal prongs on the pump are dry the pump will automatically stop running to protect it from running dry and burning out. When you fill the fountain up again and the pump is completely underwater it will automatically start running again.

NOTE:

If the water level is low but the prongs are still wet the pump will continue running until the prongs are dry.

Operation: How Does It Work?

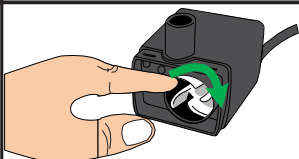
This unit is programmed so the water sensor on the pump overrides the remote. This means that if the pump is submerged and you turn it ON using the remote, then take it out of the water, the pump will stop running when the metal prongs become dry. While it's dry, the pump will not run even if the battery is charged and you try to turn it on using the remote. If you then place the pump back in the water so the prongs are wet, the sensor on it will make it automatically start running again if in direct sun or the battery is charged.

If the pump is submerged and you use the remote to turn the unit OFF, then later the water sensor prongs becomes dry (either from someone lifting it out of the water or from evaporation during summer), and then it gets put back in the water or you add water or it rains so pump is submerged again then it will automatically start running. This is an example of why you might think it started running on its own after you used the remote to turn it off but it's functioning normally. If the pump is ever running when not in water, clean off the water sensor prongs on the pump and dry them off then the pump should stop.

During a typical summer with consecutive sunny days, if you don't feel like turning it on and off and just let it run all day and don't use the remote that's ok. Once it's running, it will run during the day using the sun and whenever a cloud passes the battery automatically keeps the pump running. When in shade or in the evening it will run as long as it can until the battery is depleted. Once this happens you'll need to wait until the next day for it to work again. When the sun rises the next day and first hits the panel early in the morning but it's still too low in the sky, you may notice the water spurt up repeatedly. This is normal until the sun is higher and strong enough to run the pump consistently for the day. If you do decide to press the 1H, 2H or 4H button on the remote it will run for that amount of time, then automatically turn off and save the remaining charge in the battery. The timer is helpful in the evening so that the battery keeps some power for the next morning.

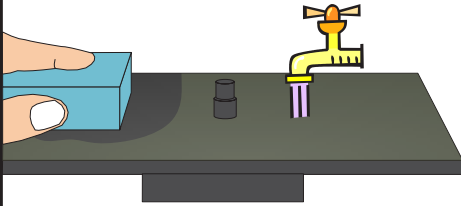
If you have several consecutive cloudy days, and the battery has been depleted, then the fountain may not run and battery may get charged until you have a sunny day again.

Manual Start

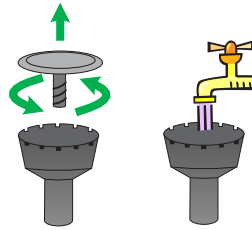


If the pump is not working try to manually start it. Remove the front filter cover, have the solar panel in direct sun, have the metal prongs on the back of the pump in water, and spin the white impeller fan clockwise for up to 1 minute

Maintenance



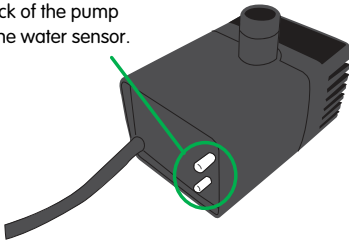
To maintain optimum performance regularly clean the solar panel using water or glass cleaner with a sponge or cloth. You can use vinegar to remove hard water limescale.



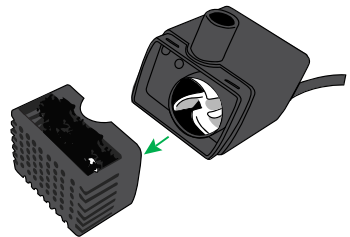
If the fountain head, nozzle, or tubes become blocked, rinse through with water

Pump Cleaning

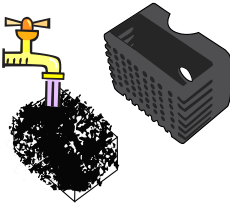
Clean the metal prongs on the back of the pump which is the water sensor.



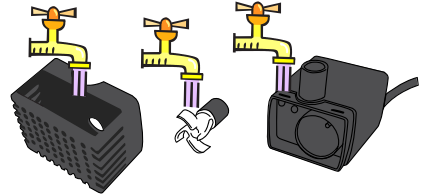
Filter cover can simply be pulled apart as shown.



Remove filter material and rinse in water.



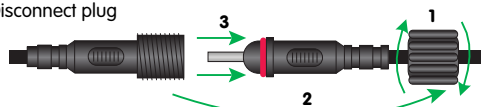
Pull out the white impeller fan.
Rinse parts thoroughly in water



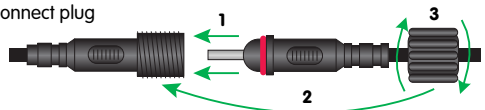
Check Plug Connection

Ensure there's no sign of water in the plugs. Unscrew the threaded cap, slide it up the cord, and pull apart the plugs. If the oring is broken or missing replace it. If the plug has any build up wipe it clean, dry it off, then reconnect in reverse order. If the plugs are rusty the parts may need replacing.

Disconnect plug

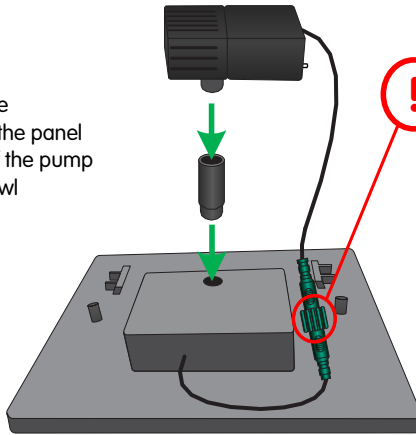


Connect plug



Extension Tube

If desired you can use the 1" Extension Tube under the panel to lower pump deeper. If the pump hits the bottom of the bowl simply remove the tube.

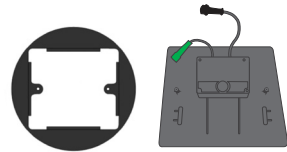


! Important

Check the plug connection as shown below before placing in water!

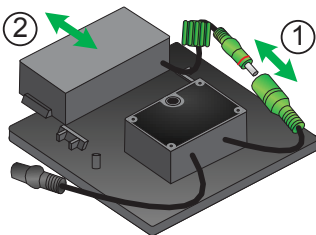
Mounting Ring

The round mounting ring is only included with birdbaths that have a round reservoir in the bowl. If you need to replace the mounting ring or solar panel, simply remove the 2 screws under it to separate them.



Battery

Rechargeable battery packs become less efficient with repeated charge and discharge cycles. The capacity of the battery may also reduce over time. If you find that the battery performance seems low, we first suggest boost charging it. To do this, leave off for 2-3 sunny days to fully charge to the battery. We suggest you do this occasionally anyway to help prolong the battery life. If boost charging, if your battery still does not perform well, you can seek a replacement battery from our parts department.



Replacing Battery

Unplug green battery connector (**step 1**) and slide out the battery pack (**step 2**). Replace with new battery and reconnect. Dispose of old battery according to local regulations



Troubleshooting for IntelliSolar Fountain with Remote

Fountain works. Remote not working. Light on remote illuminates when pressing button:

- Fill the fountain full of water so the pump is fully submerged.
- If the pump is dry the water sensor will not let the pump run.
- Try pairing the remote with your solar panel again.
- Get closer to the fountain and point it at the solar panel.
- Press the button slower and hold it for a second.

Fountain works. Remote not working. Light on remote NOT illuminating when pressing button:

- Makes sure battery in remote is installed correctly. Replace battery in remote if needed.

Fountain works when in direct sun but NOT when in shade:

- Ensure the green plug for battery is connected and threaded water tight.
- Battery is low. (Option#1) You can continue to run it as-is in direct sun. (Option#2) You can turn it off using the remote to charge the battery in direct sun. (Option#3) You remove it from the water and place it in direct sun to charge. If after charging in direct sun for 1-2 sunny days it still doesn't work you may need to replace the battery.

Fountain works but weak:

- If not in direct sun then the battery is low. Use as-is or turn unit off to charge when in sun.
- If in direct sun then it may be dirty. Remove unit from water, disconnect plugs, ensure they are clean and dry and red o-rings are in place. Clean pump filter, remove white impeller to clean the magnet. Clean solar panel glass. Rinse out the sprayer. Reassemble the unit.

Can hear pump running but no water coming out of top of solar panel:

- When the pump is fully submerged then it's quiet so if you can hear it running then the water level is most likely too low so the pump is not submerged but the water sensor pins on it are still wet or dirty. Once the pins dry off the pump will automatically stop running or when the pump is fully submerged you will not hear it.
- If the water level is low and you want the fountain to work then add water to fill the bowl.
- If you don't want water in the bowl and don't want the pump to run then either use the remote to turn it off or check the water sensor pins on the back of the pump. If the pins are dirty then wipe them off. If the pins are wet then dry them off. Once the pins are clean and dry then the pump will automatically stop running.

Fountain not working at all:

- Ensure the pump is submerged. Fill the fountain with water until full. If the pump is dry the water sensor will not let the pump run.
- If you had a few cloudy days in a row and didn't turn it off then the battery is empty.
- If the water level is full and it's in direct sun in the middle of the day and not working then remove the unit from the water, dry it off and do the following steps: Ensure plugs are connected and water tight. Clean the pump filter, impeller, and water sensor. Clean the solar panel glass. Reassemble and place it back in the water. If necessary try to manually start it.
- When you press any button on the remote you should see a light on the remote illuminate. If not, then static electricity can sometimes help coin batteries. Try removing the battery, and rub both sides between your thumb and finger or wrapped it in a cloth and rub both sides, then reinstall it. If that doesn't help then replace the battery. If you already tried a new battery then you can contact us to order a replacement remote.

WARNING FOR COIN BATTERY

1. Remove and immediately recycle or dispose of used batteries according to local regulations and keep away from children. Do NOT dispose of batteries in household trash or incinerate.
2. Even used batteries may cause severe injury or death.
3. Call a local poison control center for treatment information.
4. Battery type: CR2025
5. Nominal battery voltage: 3 V
6. Non - rechargeable batteries are not to be recharged. 7. Do not force discharge, recharge, disassemble, heat above 50°C or incinerate. Doing so may result in injury due to venting, leakage or explosion resulting in chemical burns.
8. Ensure the batteries are installed correctly according to polarity (+ and -).
9. Do not mix old and new batteries, different brands or types of batteries, such as alkaline, carbon - zinc, or rechargeable batteries.
10. Remove and immediately recycle or dispose of batteries from equipment not used for an extended period of time according to local regulations.
11. Always completely secure the battery compartment. If the battery compartment does not close securely, stop using the product, remove the batteries, and keep them away from children.

Warranty

Smart Living Home and Garden warranties your fountain for one (1) year from the original date of purchase from authorized distributors and retailers. The warranty covers parts that are properly installed and regularly maintained. If the product fails due to a defect in material or workmanship, Smart Living will replace the defective parts free of charge. Your fountain will last for many years with proper care. Any parts damaged by freezing temps are not covered under warranty.

Please unpack and inspect the entire product upon receipt. Report any broken or missing pieces within five (5) business days of receipt to and we will provide replacement parts free of charge. Please do not discard any damaged parts until instructed to do so.

Thank You!

Thank you for purchasing a Smart Living Home & Garden product. Welcome to the family! You can visit our website to register your product, leave a review, check out our FAQ page, or order replacement parts. Our products are thoughtfully designed by a dedicated team based in the USA. While we aim high, we acknowledge that defects can occur as part of the manufacturing process. If our QC team missed something and you experience an issue we apologize for the inconvenience. Please contact us using the info below.



Smart Solar is a Smart Living Home & Garden brand

Telephone: + 1 813 343 5775

Email: customerservice@smartlivinghg.com

Web: www.smartlivinghg.com

Patented Technology from Smart Solar. US Patent 12,196,192

1 Year Limited Manufacturer's Warranty

