

Having trouble with your NZ Nature Sun Jar Solar Light?

Here's a checklist to help you fix it. **Note that 90% of problems with solar lights are battery related.** To change the batteries of our Sun Jar Solar Light follow the instructions below.

1. Switched on?

Our Sun Jar Solar Lights have an on/off switch (found under the lid of the jar) – firstly make certain it is turned on to CH1 or CH2. You can check if the light is working by turning it on and going into a dark closet or room after a full day's charge in the sun.

2. Loose batteries

All solar garden lights have batteries. Sometimes the batteries come loose and no contact is being made.

To check this, release the metal strap holding the lid and open the jar. Switch to the OFF position. Take the unit out of the jar. Remove the solar panel from the rubber seal **CAREFULLY** by stretching the seal out to expose the edges of the black solar panel (see diagrams below). Carefully manoeuvre the panel out of the seal (being aware that there are exposed wires and components under the panel that can be easily damaged). It may help to use a round edged implement to help lever the panel out, eg a teaspoon handle.

The battery can be found attached to the underside of the panel. If the battery has become dislodged, simply push it firmly back into position and fit the light back together (wipe them clean first).

3. Corrosion

There have been some instances where dampness has caused corrosion on the battery terminal and/or the battery itself.

This can be rectified by removing the black solar panel as per the instructions above, remove the battery from its holder, and clean terminals at each end of the battery holder with sand paper or carefully scrape with a small knife to remove any corrosion. Do the same to each end of the battery.

Reassemble the light.

4. Flat batteries or a faulty solar panel

At times it is difficult to determine whether there is a problem with the rechargeable battery not holding its charge or the solar charger not working.

Again remove the body of the light as per the instructions above. To test battery, replace with one normal AA battery and test the light by covering with a towel or something similar.

If the test works the rechargeable battery has failed and will need to be replaced. Please remember that you must only use rechargeable batteries in your Sun Jar Solar Light – but you can test the lights with normal batteries in order to see if your rechargeable batteries are dead. The rechargeable batteries included with your light should last at least one year and can be easily replaced with new rechargeable batteries. Try and use latest models of rechargeable batteries.

5. Servicing

If these tests fail, and it is still within one year of purchasing the solar garden light from NZ Nature, please contact us and we will make arrangements to have the light returned for repair or replacement. When phoning, please advise our phone operator that you have already been through this checklist.

Changing Batteries in Sun Jar Solar Lights

There is one AA NIMH rechargeable battery inside the light. Generally, the life span of the battery is at least one year. It will need to be changed when the light quickly becomes dim even after having a good charge during the day. The method of changing the battery is as follows:

1. Release the metal strap holding the lid and open the jar.
2. Switch to the OFF position.
3. Take the unit out of the jar.
4. Remove the solar panel from the rubber seal CAREFULLY by stretching the seal out to expose the edges of the black solar panel (Diagram 1). Carefully manoeuvre the panel out of the seal (being aware that there are exposed wires and components under the panel that can be easily damaged). It may help to use a round edged implement to help lever the panel out, eg a teaspoon handle (Diagram 2).
5. The battery can be found on the underside of the black solar panel. Replace with a new AA NIMH battery being careful to achieve correct polarity (take note of the position of the original battery and copy with the new one).
6. Manoeuvre the solar panel back into place and reassemble the Sun Jar Solar Light.



Diagram 1



Diagram 2

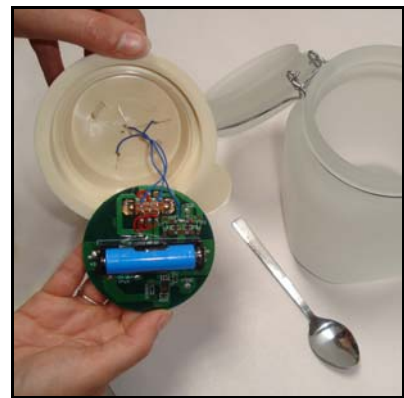


Diagram 3