

How to reset your Solar PV system

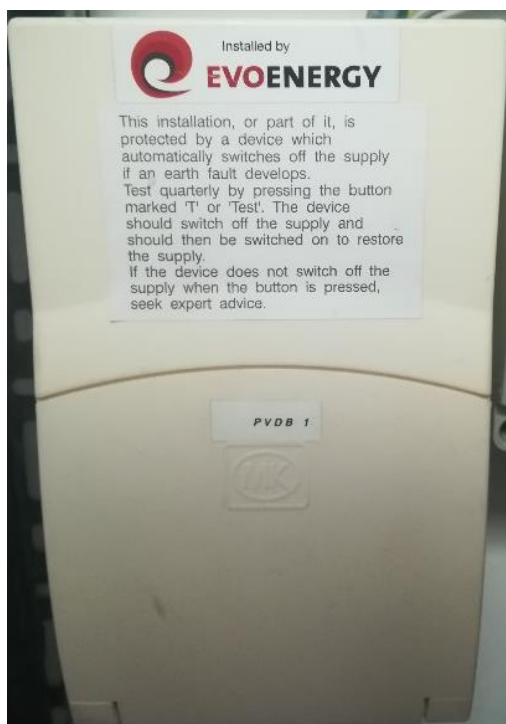
1. If your generation meter has no display and no flashing lights like below then your system will need to be reset



2. In your property near your electricity meter, you will have a consumer unit that looks something like these pictures below. This is where you would reset your electricity supply if it has tripped. Check any breakers linked to the mains or Solar PV is set to the on position.



3. Near the “Emergency Point of Switching” a “PVDB” will have been installed which looks like the below, pull down the front cover to expose the breakers



4. The RCD located on the left of the picture below will trip to the half way position. To reset it push it down to the very bottom and then to the fully up position, also ensure any MCBs in the PVDB are in the up position.



Tripped

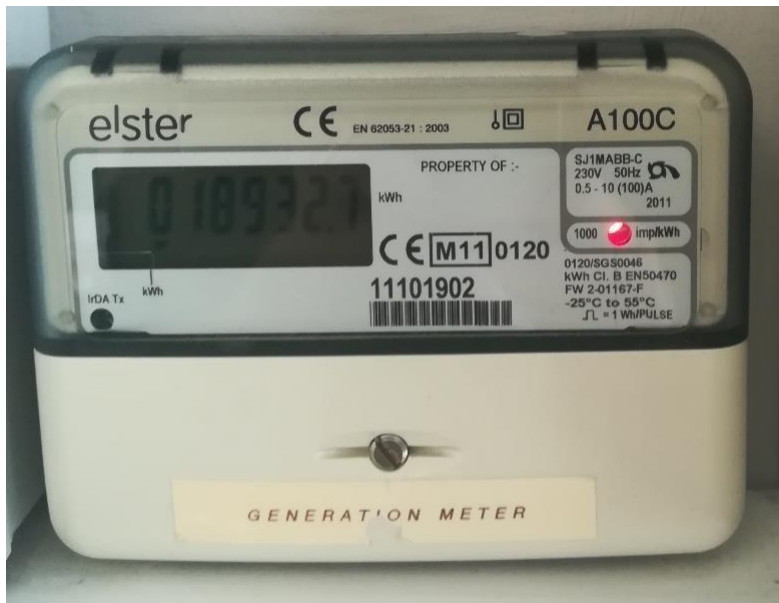


Down Position



Reset

5. Once the system has been reset the generation meter should display a reading on it and have a solid red light on it. After a few minutes (and if the sun is out) the light should go out and intermittently flash. The sunnier it is the quicker it will flash.



6. If the meter remains blank then you will also need to check the isolators for the system, these normally look something like below. Check that these are all in the on position (Pointing towards the I)



7. If the meter remains blank check the inverter (during daylight hours) to ensure that it is generating. Most inverters will have a green light and display showing you the current power it generating.

a. If the inverter is on and generating but the meter remains blank then the meter will need replacing

b. If the Inverter on and generating and the meter is displaying 8's and the red light is intermittently flashing then the meter will need replacing

c. If the meter remain blanks and the inverter is not generating then it suggest there is AC problem, ensure then above sets have been followed which will ensure an AC supply is present to both the meter and the inverter.

d. If the meter has a display, the red light flashing and the inverter is generating then the system would appear to be working fine.

e. If the meter is on and the red light remains constant then check the inverter for any error messages, to do this refer to your inverter user manual. Please take a picture or note down any errors on the screen and email them to technicalsupport@evoenergy.co.uk for further support along with your warranty information

To Reset your Inverter

1. If your inverter is displaying an error message then first action that should be taken is to try and reset your system. Your inverter is normally box on the wall roughly the same size as a boiler however they come in various shapes and sizes. Your Inverter normally would have been fitted in loft or garage.
2. Under your inverter there will normally be 2 or more isolators installed (which look similar to the below), occasionally instead of rotary switch there will a pull down switch however its function is exactly the same.



3. The isolators will be labelled AC Isolator and DC isolator. To turn the inverters firstly turn the isolator off labelled AC (turn the rotary switch to the O position), these switches are normally very stiff. Once the AC isolator is turned off switch the DC isolator(s) off, it is not uncommon to have more than one DC isolator so ensure all isolators are turned off. If done correctly the screen will go blank after a few seconds
4. Leave the inverter to fully dissipate its energy for 10 minutes
5. Reverse step three by turning the DC isolators on first, followed by the AC Isolator. At this point the inverter will turn back on and complete various self-tests. You might also hear various clicks within the inverter. These self-tests can take several minutes
 - a. If the self-tests are completed the display shows generation then it would appear the system is back on and working.

b. If after the self-test no generation occurs check the screen or the error log within the inverter menu for fault codes, each inverter manufacture has different methods for displaying errors and therefore please check the user manual for how to do this. If error persist then please note any error codes or photograph errors on the screen and send the query to technicalsupport@evoenergy.co.uk. Along with the inverter serial number and your warranty information