



wattwatchers

DIGITAL ENERGY

Instructions on replacing a 3G Solar Analytics branded Rogowski device with a 4G Wattwatchers branded Rogowski device.

Swap out must be done by licensed electricians only!

Step 1/8 Isolate all power to the device and board you are working on. We highly recommend removing power from all the circuits any Rogowski-coils (R-coils) are attached to.

NOTE: There is no need to physically remove any R-coils or modify any wiring at any stage of the swap.

Step 2/8 Remove the stubby antenna installed to the front of the Solar Analytics device so it makes it easier to remove the cover plate, then remove the cover plate so you can access the green plugs on the top and bottom of the device.

NOTE: If there is an external high gain antenna installed, you can disconnect it for the swap then reinstate it later. **Leave the provided 4G antenna in the switchboard** in case it needs to be used later on.



PHOTOS ARE FOR REFERENCE ONLY - MODEL MAY BE DIFFERENT

Step 3/8 Remove the green plugs on the top and bottom of the device (There is no clip, just apply small force)

NOTE: Do **not** undo any screws on the plugs, just simply unplug/ plug in only.

Step 4/8 Remove the Solar Analytics device and insert the new 4G Wattwatchers Auditor device. The devices have clips on the top and bottom, exactly the same as circuit breakers. Once the new device is in position, insert the existing power connector on the top of the Auditor and the R-coil plug to the bottom.



Step 5/8 Put the escutcheon back on the switchboard, then attach the new antenna provided (or use the existing external high gain antenna).

Step 6/8 Safely turn on the circuit breaker for the Auditor device and power up the board. Wait for all three green lights to appear, indicating successful signal detection and server connection.



NOTE: The new 4G antenna is specifically designed for 3G/4G, but external high gain antennas (HGA) may be a better option for sites with low signal quality and only a few days of data can determine whether the HGA is working well or not. If 3 green lights do not appear with the HGA installed, remove it and try the 4G antenna provided then reboot the device.

Step 7/8 Place the new ID stickers (small silver stickers starting with DD) and place one under the circuit breaker that is powering the device and the other on the front of the device. (do not block the led lights)

NOTE: There is no way to know the serial number of the device if the sticker is not placed on the device without a return to site to remove the cover. **YOU MUST** complete step 7 and put the stickers on!

Step 8/8 Scan QR code below and follow the instructions to complete the swap out which will involve putting in the old device ID then the new device ID. There is no need to log in of any sort and this **MUST** be completed on site otherwise the new device will never work.



SCAN QR CODE TO SWAP OLD DEVICE WITH NEW DEVICE IN A WEBPAGE

Or go to wattwatchers.com.au/3G-4G-SWAP-SA

Wattwatchers Support

If you have issues with the device, you can lodge a ticket by scanning the QR code or going to the link below. You can select the drop down “Having issues with the 3G 4G swap out” and our staff will be alerted that you are on site requesting help. We respond via email only.



SCAN QR CODE TO LODGE A SUPPORT REQUEST IF ISSUES ARISE

Or go to service.wattwatchers.com.au/KB-TICKETS/NEW

Newer versions may be uploaded at service.wattwatchers.com.au/

Once completed, please discard the old 3G device and old 3G antenna responsibly at your nearest E-Waste collection spot.