



wattwatchers

DIGITAL ENERGY

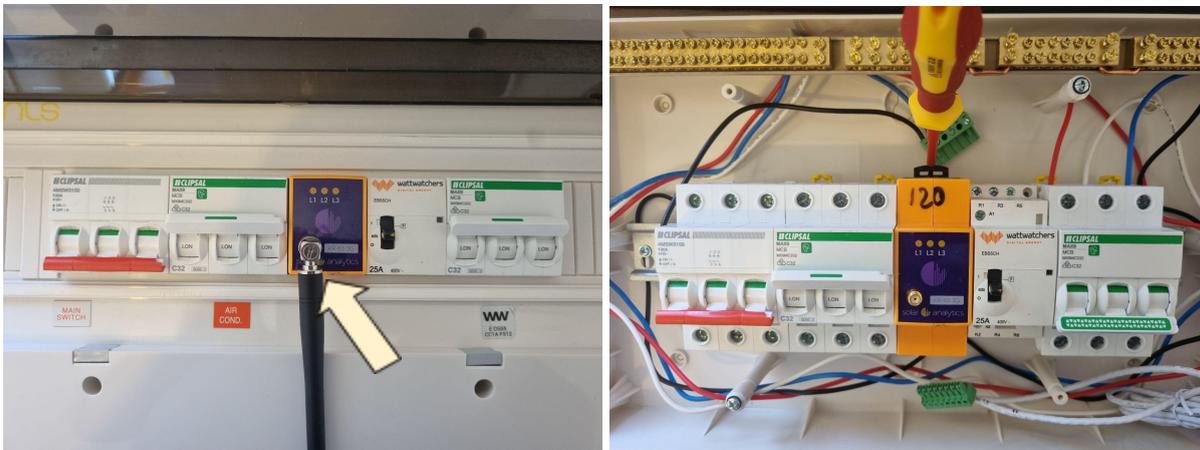
How to swap a Solar Analytics 3G device with a Wattwatchers 4G device.

Swap out must be done by licensed electricians only!

Make sure your environment is electrically safe and you have isolated all power to the board you are working on so you can begin to safely swap out the Solar Analytics Device.

STEP 1 Remove the stubby antenna installed to the front of the Solar Analytics device, then remove the escutcheon plate so you can access the Auditor's green plugs.

NOTE: If there is an external high gain antenna installed, you can disconnect it for the swap then reinstate it at step 5 and **leave the provided 4G antenna on the switchboard** in case it needs to be replaced later on.



STEP 2 Remove the green plugs on the top and bottom of the Auditor device. You should **NOT** need to undo any screws during this operation.

Note: If there are any additional plugs for switching or Modbus devices, temporarily unplug these also.

STEP 3 Remove the Solar Analytics branded device and insert the new 4G Wattwatchers Auditor device. The device has clips on the top and bottom, exactly the same as circuit breakers. Once the new device is in position, attach all the plugs firmly back into place.



IF THE EXISTING GREEN PLUG IS A 6-PIN AND NOT AN 8-PIN, SEE THE DIAGRAM ON THE NEXT PAGE

STEP 4 Put the escutcheon back on the switchboard and then attach the new antenna provided (or use the existing external high gain antenna). The new stubby antenna is specifically designed for 4G, but external high gain antennas may be a better option for sites with low signal, hence why we recommend you re-use it.

STEP 5 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.



SCAN QR CODE TO SWAP OLD DEVICE WITH NEW DEVICE IN A WEBPAGE
wattwatchers.com.au/3G-4G-SWAP-SA

STEP 6 Scan the QR code above or go to the link under it and follow the instructions to complete the swap out which will involve putting in the old device ID and then the new device ID.

STEP 7 Place the new ID stickers from the box, 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 the site to remove the cover. YOU MUST complete step 7 and put the stickers on!

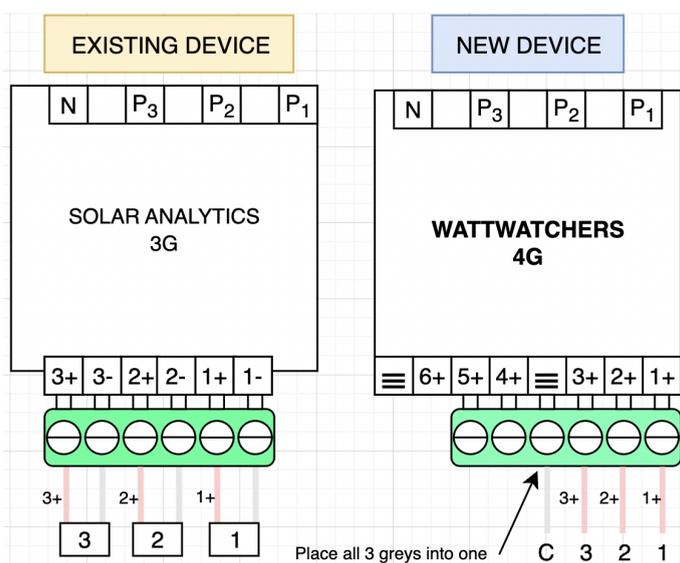
Wattwatchers Support

For on-site support, please contact (02) 8316 7540 Mon to Fri 8 am to 5 pm Sydney time.
 or contact us via email at support@wattwatchers.com.au

For more information and documentation including FAQs, visit www.wattwatchers.com.au/3g-to-4g-swap

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

If the existing plug has 6 pins, you will need to follow these additional instructions



1. Label the existing CT cables as 1, 2, 3 from right to left, as shown in the diagram labelled 'Existing device'
2. Follow the diagram under 'New device' and rewire the bottom green plug.
3. Remember to connect all three commons (white cables) to the same screw terminal labeled 'C'
4. When plugging in to the new device, ensure that it is inserted into the far right as possible, as shown in the diagram.
5. Contact Solar Analytics to confirm readings