

TECHNICAL DOCUMENT

ref: 5Vv1

Subject: Replacing your Wi-Fi Router?

Created: 13 September 2016

STOP!

Leave your existing router connected.

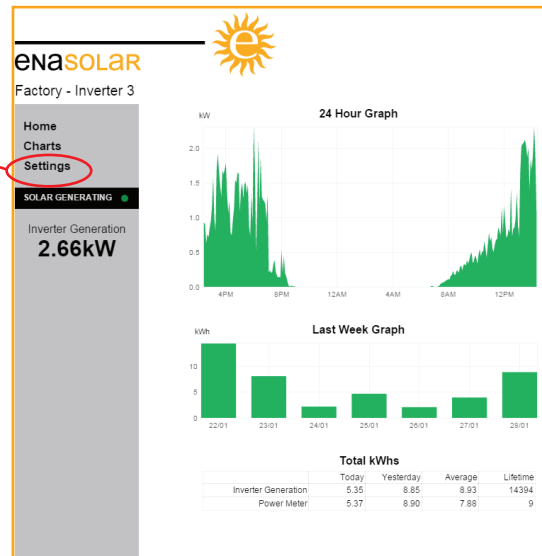
Do not decommission it yet.

In order to follow these instructions, you need to leave your existing router connected. The instructions will tell you when to decommission the old one and connect the new.

Note: in the following instructions, Google Chrome is the preferred web-browser to use.

First Step: With a computer still connected to your old (existing) network:

1. Access the normal inverter reporting page, using your web browser.
 - a. Double-knock on the inverter front-panel to find the IP address (eg 192.168.1.4)
 - b. Enter your IP address into the web browser address-line to bring up your inverter report.
2. Click on the *Settings* menu



3. Click on the *Wireless* menu, and an authentication box will pop up.

The screenshot shows the enaSOLAR web interface for 'Factory - Inverter 3' with the 'Settings' menu open. The 'Wireless' option is highlighted with a red circle. An 'Authentication Required' dialog box is overlaid on the right side of the screen, prompting for a username and password. The dialog box contains the following text:

Authentication Required

The server http://192.168.2.29 requires a username and password. The server says: Protected.

User Name:

Password:

Log In Cancel



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4. Enter the user name and password.

User Name: Admin

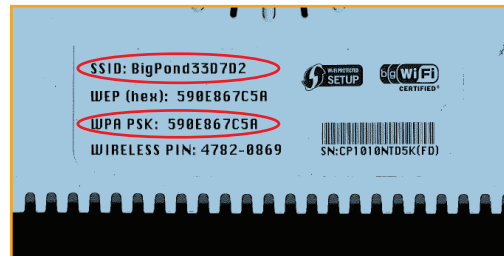
Password: Admin1



**Important: all letters are case sensitive!
Enter them accurately**

5. Obtain the Network Name (SSID) and Passphrase (a.k.a. Pass Key, WLAN Key, Security Key, Password) from your *NEW* Wi-Fi Router.

These names are specific to your device, and you will typically find them on a printed label on the outside of the packing box, on a printed sheet inside the box, or on a printed label on the router itself.



6. Enter the SSID and Passphrase into the two respective fields, as below:

Check that you have got the details correct.
Remember, all letters are case sensitive; don't get confused between a zero and an O, or a B and an 8



Do NOT press the 'Write' button yet

Once you press the *write* button, then your new router settings will be saved into the inverter and you will lose connection from your laptop.

Check that the other settings are appropriate for your Network type:

Security Mode	likely to be WPA2-PSK (this is appropriate for most home networks, to allow the highest level of security)
Region	likely to be FCC, but other country options are available, if required



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Once you are sure you have entered the details correctly, then press the *Write* button.

Note: Should you make an error with this step, then you will not be able to access these inverter settings with a laptop Wi-Fi connection (until corrected).

Correcting this will require a direct connection to the inverter with USB and the EnaSolar configuration software, to correct the Wi-Fi network settings manually. Most likely this will mean a call-out (and associated costs) from an EnaSolar-accredited installer.

7. Now that the NEW router settings have been saved into the inverter, you will have lost connection from your laptop and it will be displaying a 'lost connection error message'. Move on to the second step.

Second Step: Commission your NEW router, and connect your laptop to this new network

The inverter and NEW router will self-connect and you will now be able to access the reporting in the normal fashion:

1. Double knock on the inverter front-panel to find the IP address (e.g. 192.168.1.4)
2. Enter this IP address into your web browser
3. You can now view the inverter reporting, as you had before.

