

Fronius WiFi Setup and WiFi Video Setup  
@ <https://www.youtube.com/watch?v=A-r8y3H9vNg>

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1. Open a web browser, and go to [www.solarweb.com](http://www.solarweb.com).
2. Scroll down, and download the Fronius Solar.web Live App from your relevant App Store.
3. Once you've downloaded the app, open it, and press the red icon on the bottom right of your screen.
4. Click Set Up My Fronius Inverter.
5. Select the top option called Grid-Connected Inverter.
6. Go to your home's inverter.
7. Open the inverter's menu by pressing the third button from the left.
8. Scroll across to Set-Up, and press enter.
9. Scroll down to WiFi Access Point, and press enter.
10. Select Activate WiFi AP.
11. You'll see the default WiFi password is 12345678.
12. Return to your tablet/smartphone, and go to WiFi Settings
13. Connect with your Fronius Inverters' WiFi HotSpot by typing in the 12345678 password
14. Once your tablet/smartphone is connected to your inverter's access point, return to the Solar.web Live App.
15. Click Solar.web Wizard, and enter in the required details.
16. If you're in WA, your feed-in tariff is \$0.07135 (7 cents).
17. Set the grid supply tariff, which can be found on a recent electricity bill. If you're in WA and on the Synergy A1 Tariff, your supply tariff is 0.264 (26 cents).
18. Enter the time, day, and time zone, and then hit Forward.
19. Name your system.
20. Enter the PV power in Watts. If you have a 5kW system, you will type in 5,000.
21. Press Forward, then press Accept on the pop up notification.
22. Select your home's WiFi from the list, press Set, then enter your home's WiFi password.
23. Click Connect.
24. You'll now need to exit the app, go to your WiFi settings, and connect to your home WiFi network.
25. Return to the Fronius Solar.web Live App, and wait for the network connection. Please note this step may take a few minutes, so please don't be alarmed if it does not load immediately.
26. Once you reach the next screen, click Forward.
27. Set a password for your system.
28. Once you've entered the password in both boxes, press Finish.
29. When you're finished, the app will take you to [www.solarweb.com](http://www.solarweb.com) to create a Solar.web account.
30. Click Register, populate all the required fields, then click Next.

31. Make sure you make a note of your Solar.web password, as this will be required soon.
32. The next screen will show details of your solar PV system. You should not have to do anything except click Submit on the bottom right.
33. Solar.web will then send you an email with a confirmation link.
34. Once you've received the email, click on the confirmation link.
35. Return to the Fronius Solar.web Live App, click on the icon on the bottom right, and click Log In To Solar.web.
36. Enter your Solar.web email and password, and click Log In.
37. You're done! Your online monitoring is now set up.

**If you're also activating a Smart Meter, follow the additional steps:**

38. Follow Steps 6-10 to once again activate your inverter's WiFi Access Point.
39. Return to your Smartphone/Tablet, and connect to your inverter's WiFi.
40. Open up any internet browser, and go type in the following web (IP) address: 192.168.250.181
41. Click on *Firmware Update* on the right-hand side.
42. Once the update is complete, you'll need to reconnect your device to your inverter's WiFi.
43. Click on settings on the right-hand hand side, then select passwords.
44. Change the Service password to *solar123*.
45. Click the tick to confirm.
46. On the same left-side tab, go to the meter option and enter in the username and password you've just created.
47. Set the meter to *Fronius Smart Meter* and the location to *Feed-In Point*.
48. Click the tick to confirm. The meter should be found and your Smart Meter is active.
49. Reset your inverter by turning off either the *Solar Supply Main Switch* located in the Switchboard, or the *AC Isolator* adjacent/below the inverter. Then turn off the *PV Array DC Isolator(s)* located adjacent/below the inverter.
50. Wait a couple of minutes before turning on first the *DC Isolator(s)* then the *AC Isolator* (in the reverse order to how you turned them off).
51. To access the smart meter information, log on to your solarweb.com account, and after about 10 minutes the format of your account should change. Or, download the Solar.web PRO App from your App Store.

# Commissioning Fronius Monitoring via SMART PHONE/TABLET

## Using the Datamanager V 2.0

For Fronius SnapINverters: Galvo/Primo/Symo/Eco

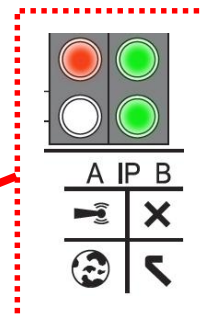
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## 1 BEFORE YOU START

Get the password and the name (SSID) of the WiFi network you want to get connect to.

Connect your smart phone or smart device to the WiFi network in order to check the availability of the internet.

Check the status of all the four LEDs on the Datamanager (DM) Card inbuilt in the inverter. The '**tick LED**' and the '**cross LED**' light up need to be green. If not, check the DM card and also termination plugs are inserted properly (located in the data communication compartment at the bottom of the inverter).



## 2 SETTING UP MONITORING USING A SMART PHONE OR A TABLET

Download Fronius Solar.Web App from App store or Google Play and install it on a smart phone or tablet. Or go to: <https://wizard.solarweb.com/downloadApp.html>



[Android](#)  
[iOS](#)  
[Mac OSX](#)



[Android](#)  
[iOS](#)

1. Activate the '**WiFi Access Point**' via the '**SETUP**' menu' on the display of the inverter. If using a Datamanager Box move the IP switch into position 'A'.

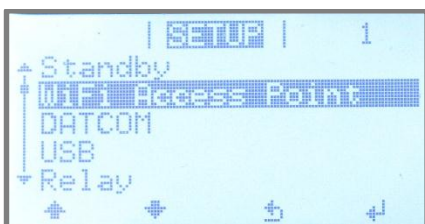


Fig.1: Activating the WiFi access point on the Inverter's display - Setup menu

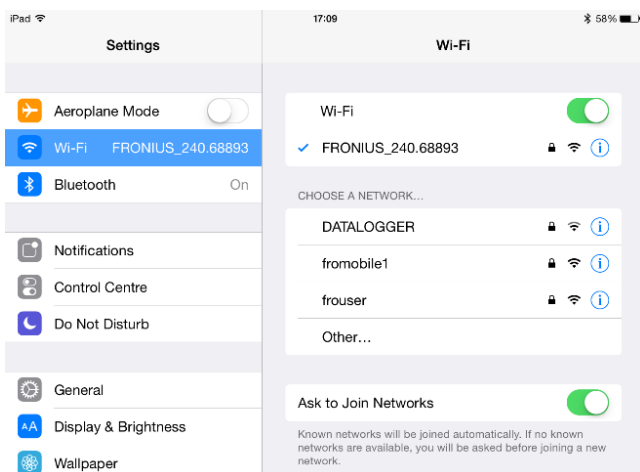


Fig.2: Network connections settings on Apple iPad

2. Connect the smart device (Tablet or Smartphone) to the WiFi network of the inverter.
  - Search for the network with the name "**Fronius\_240.xxxxx**" on the device.
  - Enter password: **12345678**

3. Open the SolarWeb App on the smart device. If the SolarWeb App recognizes that it is already connected to an inverter it will ask whether to start the Setup wizard. -> select '**Yes**'  
Alternatively click on the red button in the right bottom corner or go to 'Settings' -> 'Setup inverter'

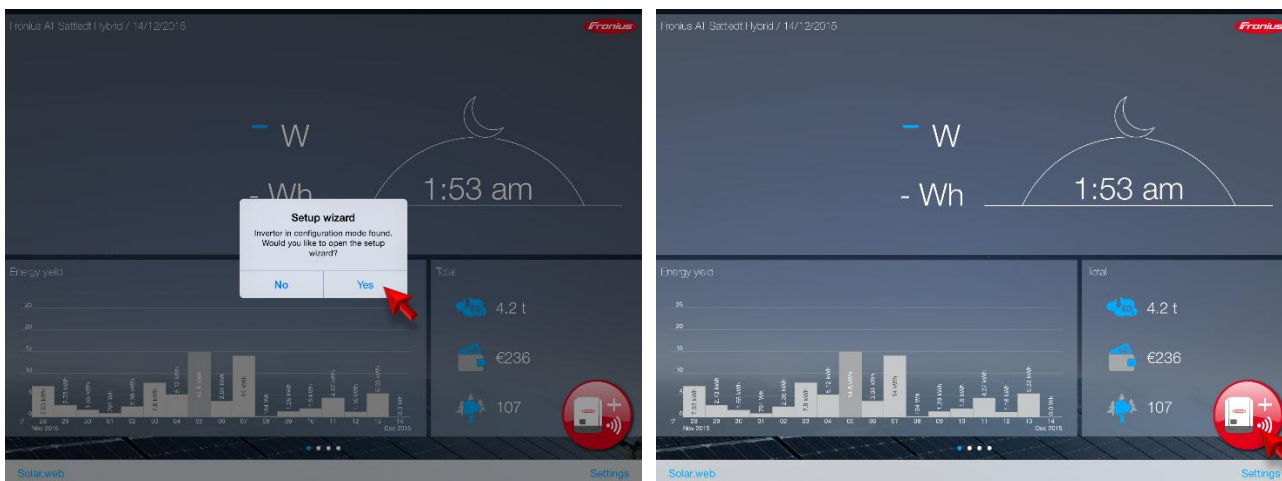


Fig.3: SolarWeb App screen shows how continue to the installation wizard.

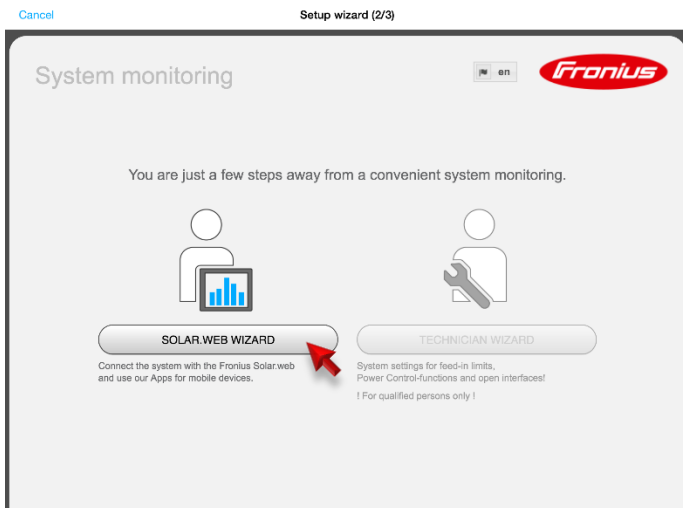


Fig.4: Start of the installation wizard in Fronius SolarWeb App

4. Run the **SolarWeb Wizard** and follow the instructions.

Cancel Setup wizard (2/3)

System monitoring

General Inverter Solar.web connection

Yield

Feed-in tariff 0.12 \$ (AUD) /kWh

Grid supply tariff 0.25 /kWh

System time

Date / time 14.12.2015 11 : 54

Time zone settings

Time zone Australia Melbourne

Back Forward

Fig.5: Fronius SolarWeb App General Settings

5. Enter the correct **date and time**.  
(it might be pulled from your smart device automatically)
6. Select the right **time zone**.  
(it might be pulled from your smart device automatically)

Cancel Setup wizard (2/3)

System monitoring

General Inverter Solar.web connection

System name MySystem

No	Device type	Device name	PV[Wp]
1	Primo 3.0-1	Primo 3.0-1 (1)	3500

Back Forward

Fig.6: Fronius SolarWeb App Inverter Settings

7. Assign a **system name** to your system.
8. Enter the **solar module power** connected to the inverter in Watts (Wp).

Cancel Setup wizard (2/3)

System monitoring

Inverter Solar.web connection Connection buildup

Internet connection

1

Fronius Solar.web

☒ Send data to the Fronius Solar.web

WLAN

Available networks

frouser	Open, Channel:11	
fromobile1	Open, Channel:11	
DATALOGGER	Protected WPA2, Channel:1	2
TelstraOD91	Protected WPA2, Channel:6	
TNCAP53EE44		

Set... Delete... Configure WLAN IP

3

Back Connect

Fig.7: Fronius SolarWeb App Connection Settings

9. To get the internet connection settings done **chose the connection type (1)**:  
a. Hard wired LAN connection or  
b. wireless LAN (WiFi) connection (default)
10. For wireless LAN: **Select the customer's WiFi network under 'Available networks' (2)**.  
  
Note: The option 'Add WLAN' is used to enter the name and password for the customer's hidden Wi-Fi network.
11. Click '**Set**' (3) to enter the password for the customer's WiFi network in the popup window.

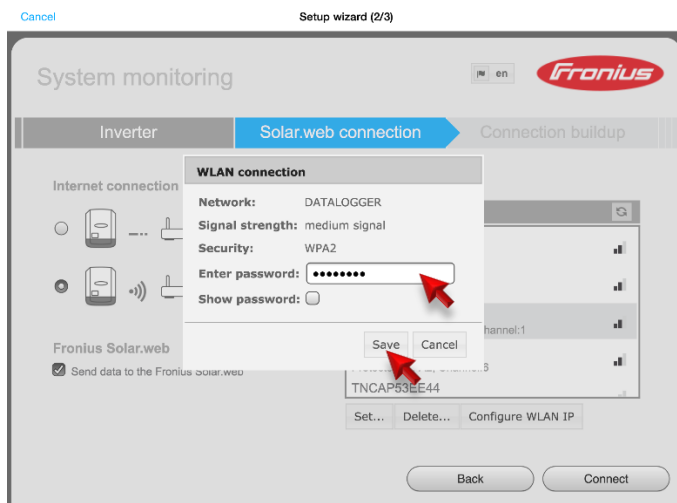


Fig.8: Fronius SolarWeb App Connection Settings - WiFi password

12. Enter the **password** of the customer's WiFi network in the popup window.

13. Click '**Save**'.

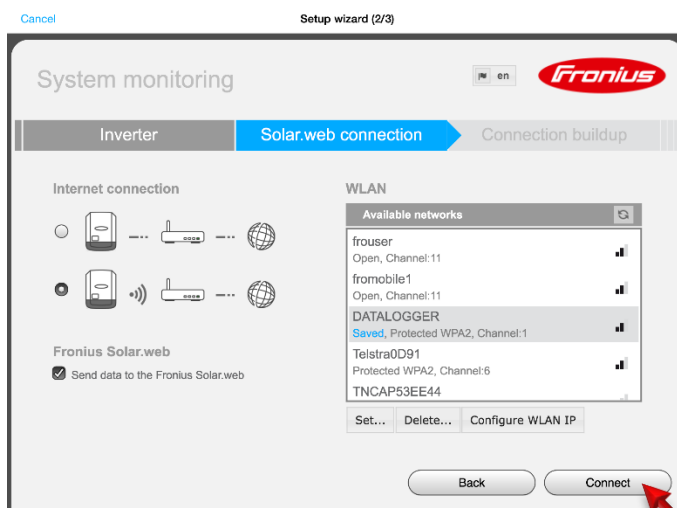


Fig.9: Fronius SolarWeb App Connection Settings

14. **Optional:** If a static IP address is required follow the instructions at chapter '5 INTERNET CONNECTION WITH A STATIC IP ADDRESS' at this stage and continue here later again.

15. Click '**Connect**'

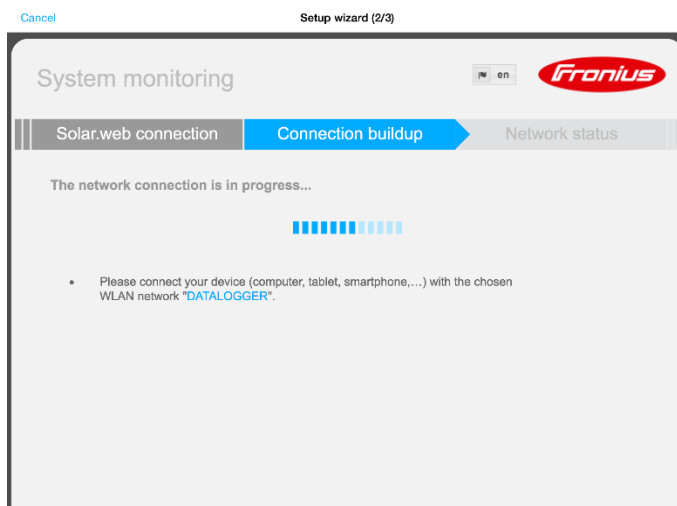


Fig.10: Wizard in Fronius SolarWeb App

16. Close the Solar.Web App.

17. Connect your smart device (Smartphone or Tablet) to the customer's WiFi network. (in order to check whether the inverter has successfully connected to the customers network). Therefore go to the Wi-Fi settings of the smart device and change to the network.

Hint: In case the smart device has been connected to the homeowners Wi-Fi network before the App will reconnect automatically (no need to manually change the WiFi connection on the smart device).

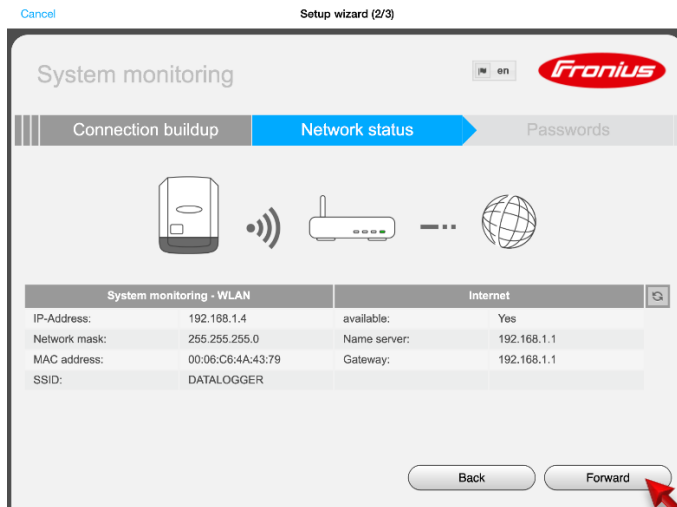


Fig. 11: Wizard in Fronius SolarWeb App – Network status

18. Re-open the Solar.Web App and wait for the Network status window to appear.

- If the **internet availability** is displayed with 'Yes', click on 'Forward'.
- If the internet availability is displayed with 'No' please, click on 'Back' to re-enter the (correct) password or talk to the network administrator.

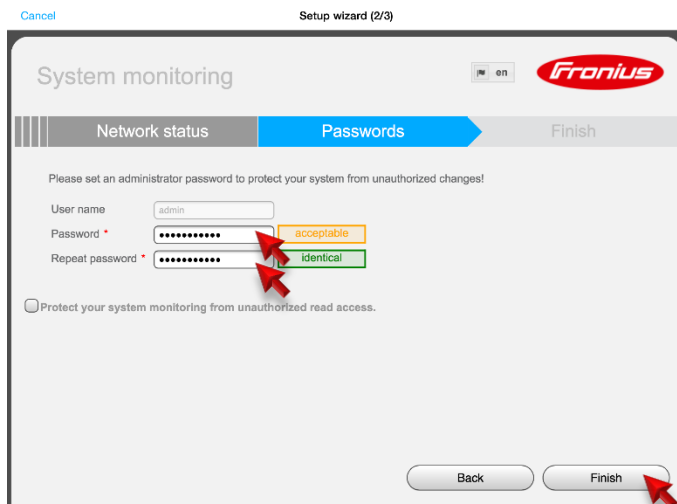


Fig. 12: SolarWeb App – Password protection for the settings

19. Choose a **password**. (Also note down the password for your record!)

20. Click on 'Finish'.

**Note!:** The inverter is now successfully connected to the internet. The system need still to be added to a SolarWeb monitoring account. Therefore see next chapter.



### 3 ADDING A SYSTEM TO SOLARWEB MONITORING

There are two ways of registering a PV system (or data source) on SolarWeb, either automatic via the SolarWeb App by continuing the SolarWeb Wizard or register it manually.

#### A) Automatically

Fig. 13: SolarWeb App – Adding a system to a SolarWeb account

- / To add the new system / logging source to your monitoring account on SolarWeb,
  - ➔ Login with your username and password if you have already registered an account in the Fronius SolarWeb portal.
  - ➔ If you don't have a SolarWeb account, click on 'Register' to create your account first.

Fig. 14: SolarWeb App – Adding a system to a SolarWeb account

- ➔ Fill in the form for system details

Fig. 15: SolarWeb App – Adding a system to a SolarWeb account

- ➔ Select whether you want to
  - i. Create a new PV system
  - ii. Add a datasource to an existing system
  - iii. Exchange a datasource

## B) Adding the System manually

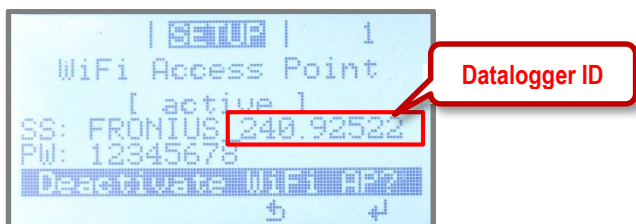


Fig. 16: Inverter display – WiFi hotspot name

/ Alternatively the system / logging source can be added manually to [www.solarweb.com](http://www.solarweb.com).

- ➔ Note down the **Datalogger ID** from the inverter's display (it is part of the name of the WiFi Access Point starting with 240.xxxxxx)

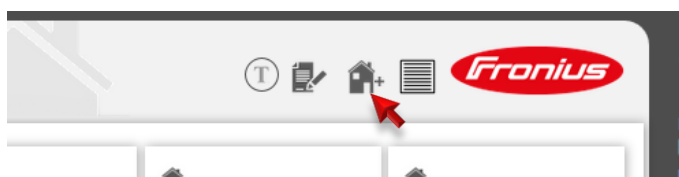


Fig. 17: www.SolarWeb.com – Icon to add a system

- ➔ Go to [www.solarweb.com](http://www.solarweb.com) login and select the icon -> 'Add system'

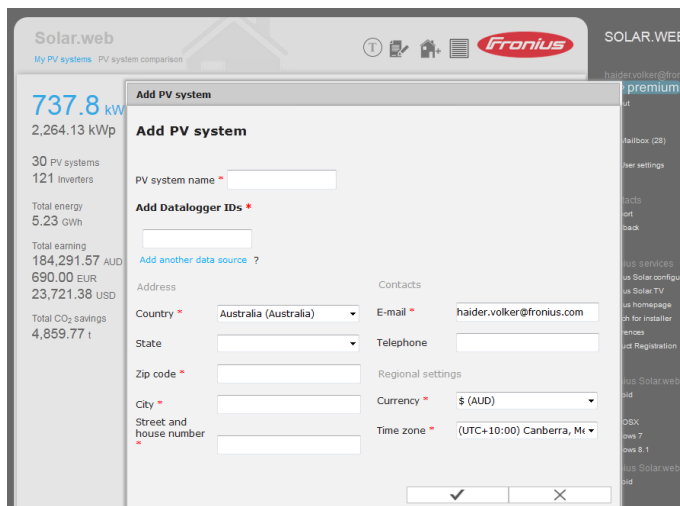


Fig. 18: www.SolarWeb.com – Adding a system to a SolarWeb account

- ➔ Fill out the online form in the popup window.

- PV system name
- Datalogger ID
- Address of the installation
- Email address
- Currency
- Time zone

If everything went well the PV on solarweb.com will look like this.

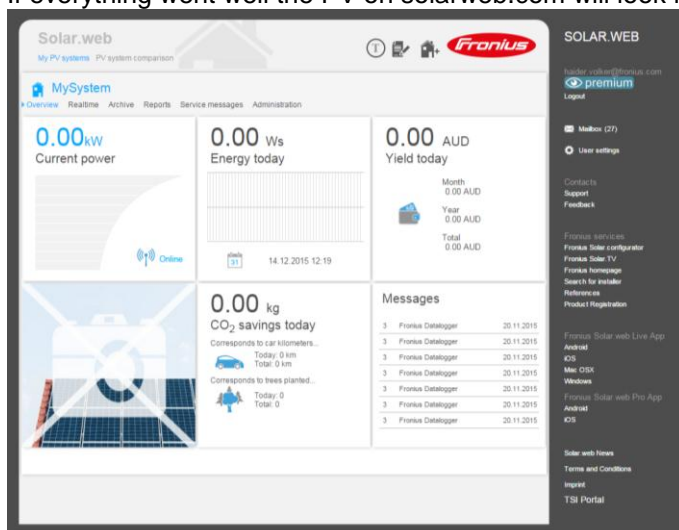
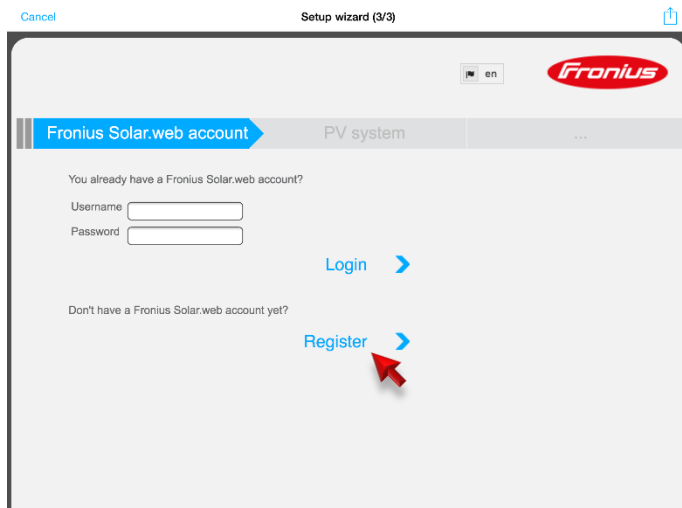


Fig. 19: www.SolarWeb.com – PV System Overview page

## 4 REGISTER AN ACCOUNT ON SOLAR WEB

There are two ways of registering a monitoring account on SolarWeb, either automatic via the SolarWeb App by continuing the SolarWeb Wizard or register it manually.



Cancel Setup wizard (3/3)

Fronius Solar.web account PV system

You already have a Fronius Solar.web account?

Username

Password

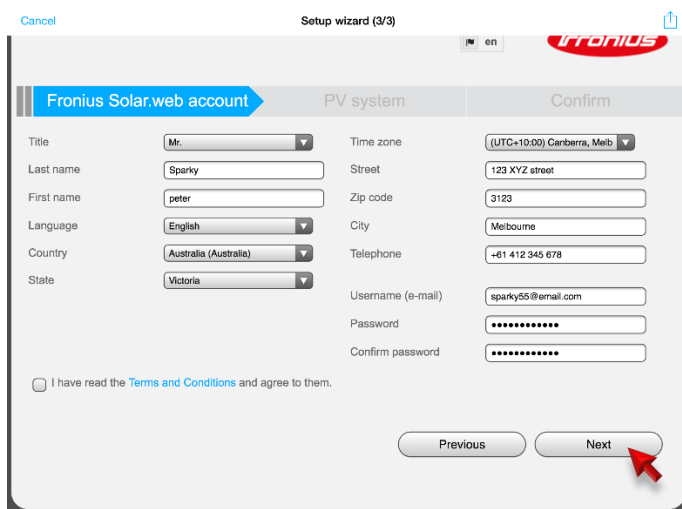
Login >

Don't have a Fronius Solar.web account yet?

Register >

→ Click 'Register'

Fig.19: SolarWeb App – Setup Wizard



Cancel Setup wizard (3/3)

Fronius Solar.web account PV system Confirm

Title  Time zone

Last name  Street

First name  Zip code

Language  City

Country  Telephone

State  Username (e-mail)

Password

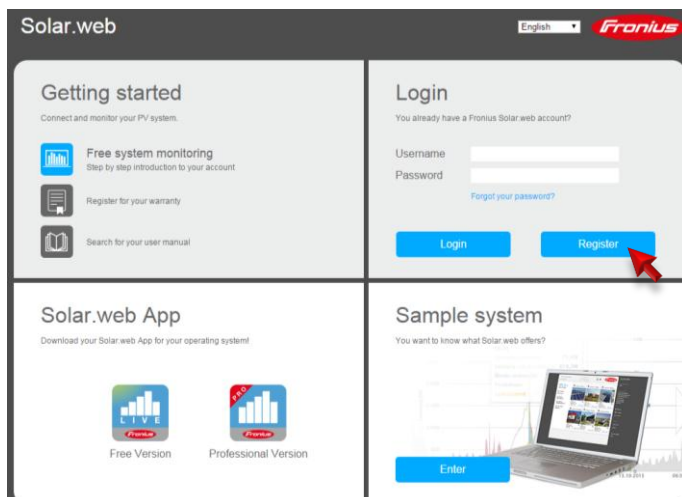
Confirm password

☐ I have read the [Terms and Conditions](#) and agree to them.

Previous Next

→ Fill out the registration form

Fig.20: SolarWeb App – Setup Wizard



Solar.web English Fronius

Getting started

Connect and monitor your PV system.

Free system monitoring

Step by step introduction to your account

Register for your warranty

Search for your user manual

Login

You already have a Fronius Solar.web account?

Username

Password

[Forgot your password?](#)

Login Register

Solar.web App

Download your Solar.web App for your operating system!

Free Version Professional Version

Sample system

You want to know what Solar.web offers?

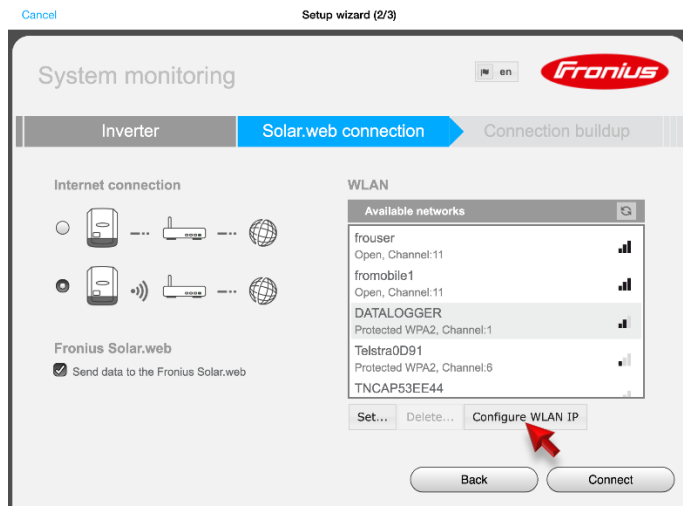
Enter

→ Alternatively go to [www.solarweb.com](http://www.solarweb.com) and select 'Register'

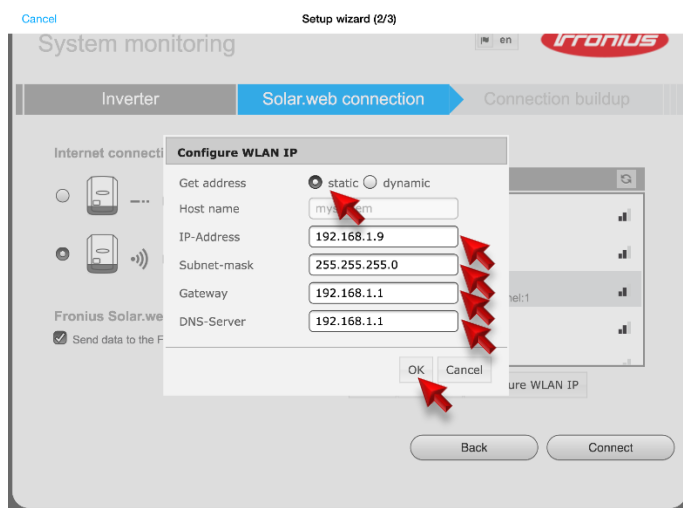
Fig.21: [www.SolarWeb.com](http://www.SolarWeb.com) – start page

## 5 INTERNET CONNECTION WITH A STATIC IP ADDRESS

For a commercial installation it may be required to connect the inverter via a static IP address. Get the details of static IP address and the required network from the local IT administrator.



**14a.** Select 'Configure WLAN IP'.



**14b.** Configure the wireless LAN connection

- Chose 'static'.
- Static IP address
- Subnet mask
- Gateway IP address
- DNS-Server IP address

**14c.** Save settings by pressing **OK** and continue with the settings described above in chapter 2/ step 15.

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