



## APPLICATION NOTE

# FRONIUS GEN24 & TAURO SERIES – PROCEDURE FOR INVERTER COMPLIANCE TO AS/NZS 4777.2: 2020 (AUSTRALIA ONLY)

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Application Note  
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Gender-specific wording refers equally to female and male form.

## 1. CHANGE LOG

Date	Version	Comments	Author
10/11/21	0.1	Initial release	Fronius Australia
23/11/21	1.0	Minor changes	Fronius Australia

## 2. SCOPE

This document outlines the necessary procedure required to ensure compliance of GEN24 & Tauro Fronius range with AS/NZS 4777.2:2020.

The following Fronius Inverter series are relevant to this document:

- / **Fronius Primo GEN24 Plus series**
- / **Fronius Symo GEN24 Plus series**
- / **Fronius Tauro series**
- / **Fronius Tauro Eco series**

As of **Dec 18<sup>th</sup> 2021** all inverters installed in Australia **MUST** meet the requirements of AS/NZS 4777.2:2020 and have one of the default Regions, listed below, activated upon commissioning:

- / **Region A**                    (*Fronius Grid Code designation = **AUS Region A 2020***)
- / **Region B**                    (*Fronius Grid Code designation = **AUS Region B 2020***)
- / **Region C**                    (*Fronius Grid Code designation = **AUS Region C 2020***)

It is the responsibility of the installer to confirm with the relevant DNSP as to which Region needs to be activated in the area of his installation.

The default Region settings contain the required default Power Quality settings *Volt-Watt*, *Volt-Var* & *Frequency Response* settings and *Protection* settings. Additional setting changes should not be necessary. If changes are necessary, please refer to the **“Menu - Country Setup (Operating Instructions)”** manual, available on request from Fronius Technical Support.

## 3. COMPLIANCE PROCESS



**\*NOTE:** Minimum inverter firmware version of  $\geq 1.13.13-1$  must be used, however latest available is recommended.



## 4. UPDATE INVERTER FIRMWARE

To update inverter firmware follow steps below:

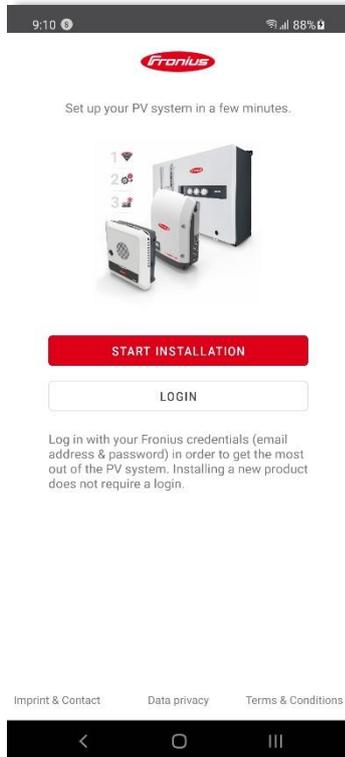
1. Download and save the update file – more information [here](#).
2. Connect to the Web User Interface of the inverter:
  - a. Via [Solar.Start App](#).
  - b. Via [Browser](#).
3. Navigate to **“System”** → **“Update”** or follow the following [link](#) (when using WiFi hotspot).
4. And perform the update -> click **“Browse File”** and navigate to the downloaded firmware file to load it.

Sections **4.1 Update via Solar.Start App** and **4.2 Update via Browser** below describe two methods on how to perform the inverter update. Please note they only focus on the key steps required.



## 4.1 Update via Solar.Start App

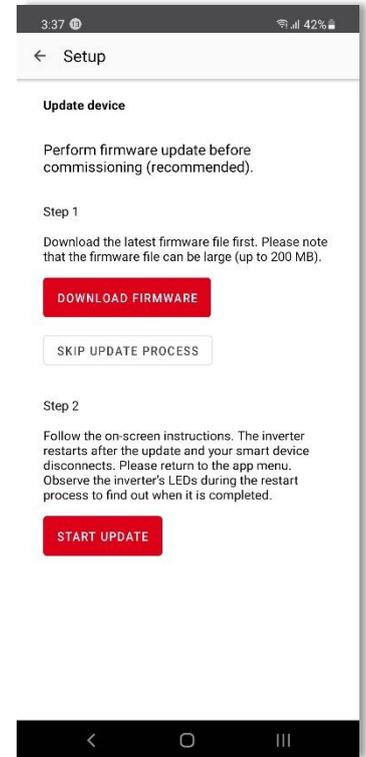
/ Start Solar.Start and select "START INSTALLATION"



/ Select "GEN24+TAURO"



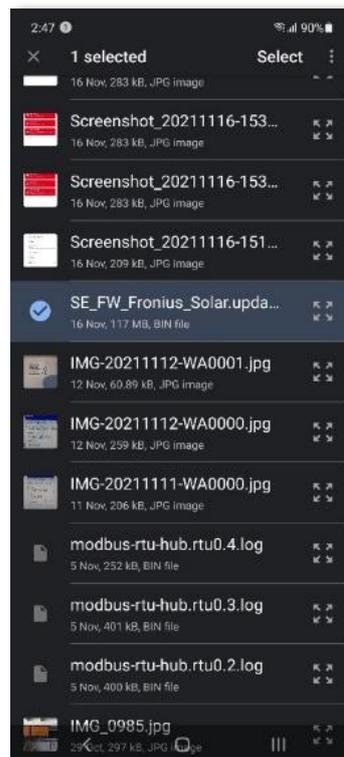
/ Select "START UPDATE"



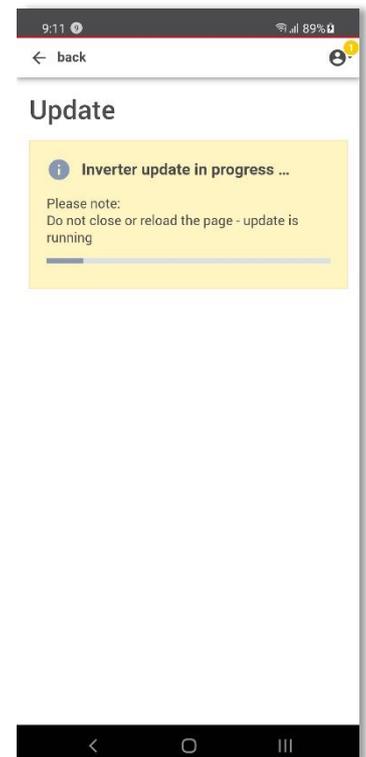
/ Select "Browse file"



/ Load previously downloaded firmware file



/ Complete update and reconnect to inverter



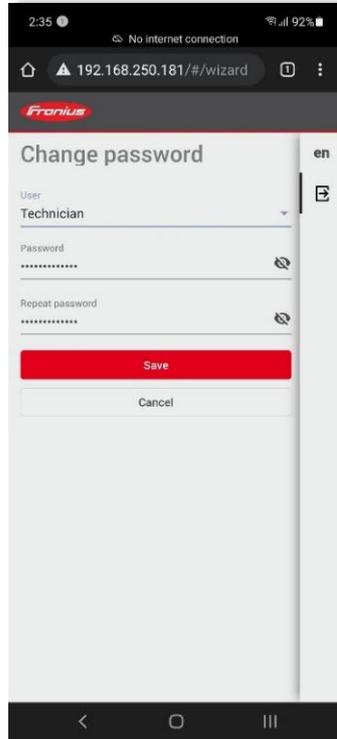


## 4.2 Update via Browser

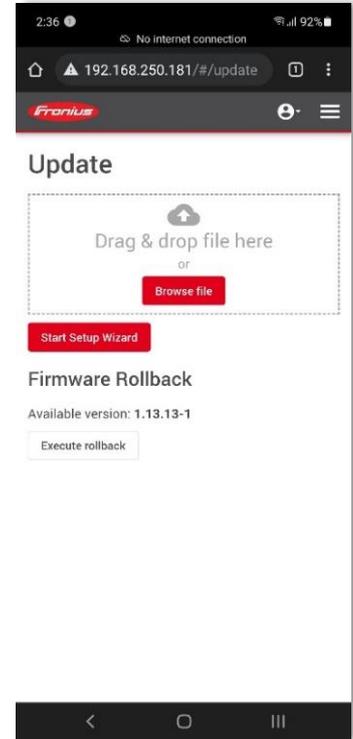
/ Navigate to **“System”** → **“Update”** or enter following [link](#)



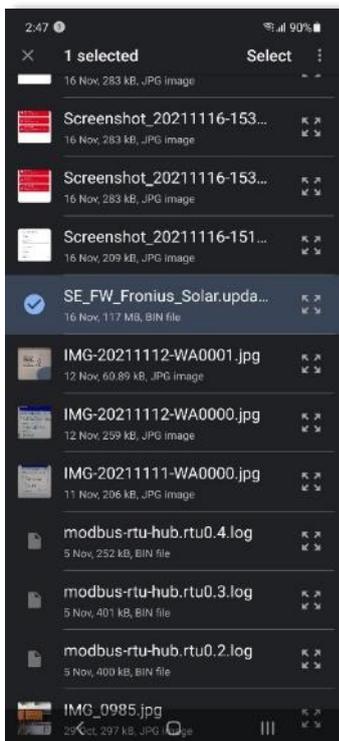
/ Create **“Technician”** password



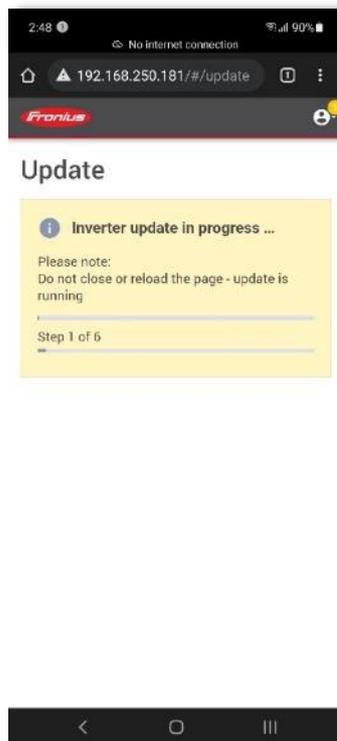
/ Select **“Browse file”**



/ Load downloaded inverter firmware



/ Wait until the update is completed and reconnect to inverter





## 5. COMMISSION INVERTER

### 5.1 Commission via Solar.Start App

/ Open **Solar.Start App** and select **“START INSTALLATION”**



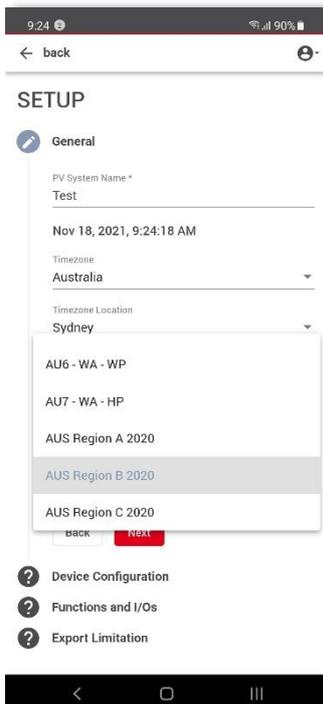
/ Select **“GEN24+TAURO”**



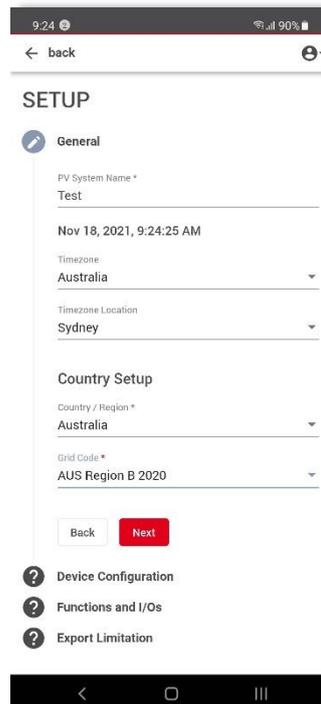
/ Complete **“NETWORK”** and start **“PRODUCT”**



/ Under **“General”** for **“Country/Region”** select **“Australia”** and under **“Grid Code”** select appropriate Region



/ Under **“Grid Code”** ensure required Region is selected, for example **“AUS Region B 2020”**



/ Complete **“PRODUCT”**, select **“SOLAR.WEB”** and select **“Finish”**



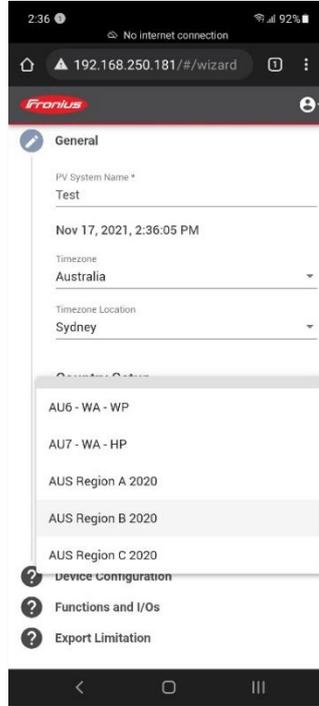


## 5.2 Commission via Browser

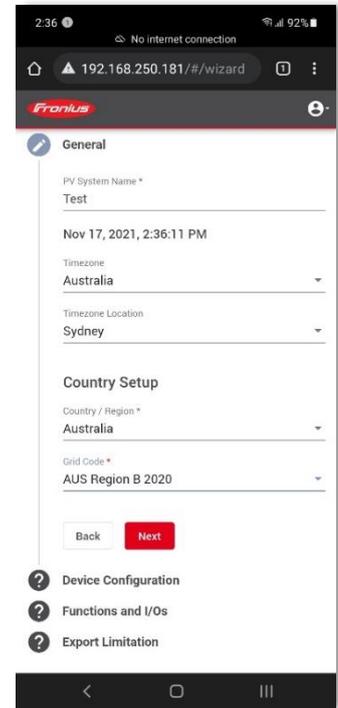
/ Connect to Access Point, complete **“NETWORK”** & start **“PRODUCT”**



/ Under **“General”** for **“Country/Region”** select **“Australia”** and for **“Grid Code”** select appropriate Region



/ Under **“Grid Code”** ensure required Region is selected, for example **“AUS Region B 2020”**



/ Complete **“PRODUCT”** and select **“SOLAR.WEB”**



/ Select **“Finish”** to complete inverter commissioning



## 6. SETTINGS VERIFICATION

In order to verify Inverter firmware version is the minimum required version and the Grid Code matches your required Region, settings can be verified in two ways:

- / Information Menu
- / PDF print

**NOTE:** you MUST be logged in as **“Technician”** in order to access the correct information.

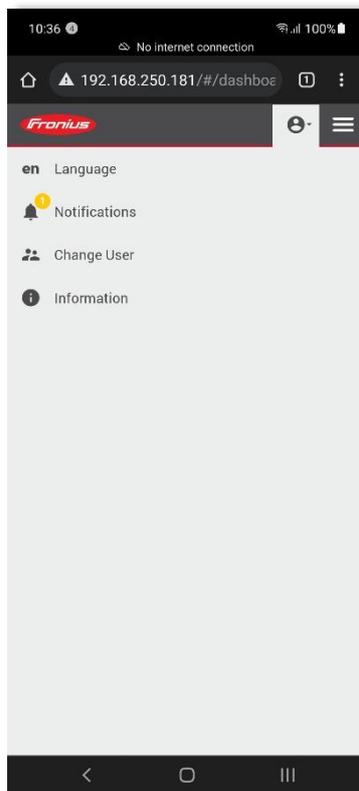
### 6.1 Inverter Information Menu

To arrive at the **“Information”** menu follow steps below.  
**“Software Version”** and **“Grid Code”** contain the relevant information.

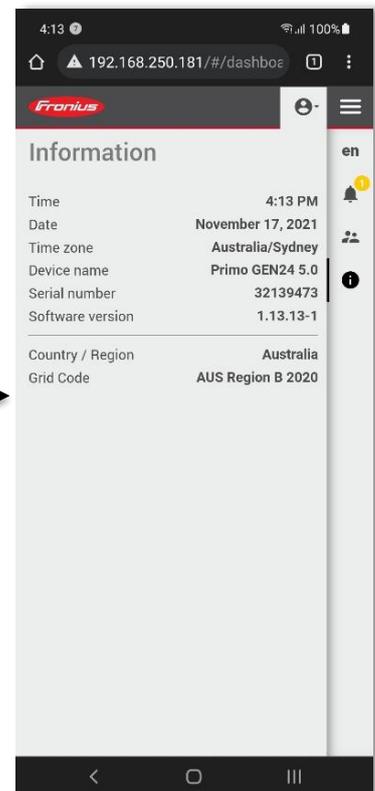
/ Connect to the inverter WiFi hotspot



/ Select **“Change User”** and log in as **“Technician”**



/ Select **“Information”** menu







**IMPORTANT:** Fronius strongly recommend downloading the PDF file from the inverter with all the settings mentioned above for each individual inverter to keep for evidence of compliance that the inverter you have installed is commissioned to AS/NZS 4777.2: 2020 and the correct settings are applied.

**END OF DOCUMENT**

Fronius Australia Technical Support  
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Hotline: +61 3 8340 2910

To access Technical articles, Quick guides, Whitepapers and other technical documents, please visit the [Tech Support Area for Installers on our website](#)