# Commissioning the inverter & firmware update for AS4777.2:2020

PVS-10/12.5/15
PVS-20/30/33

# Contents

**Introduction**

This application note will tell the installer how to connect the PVS-10/33 inverter to the local wi-fi, commission the inverter and how to download and install the latest firmware update to comply with the updated AS4777.2:2020 standard.

Key steps:
- Connect to the inverter's wi-fi
- Commission the inverter
- Download and perform firmware update
- Verify correct grid code

**FIMER's technical support team**

# 1800 769 663

If you have any issues, please contact our technical support team in Sydney who can help get you and your customers sorted.

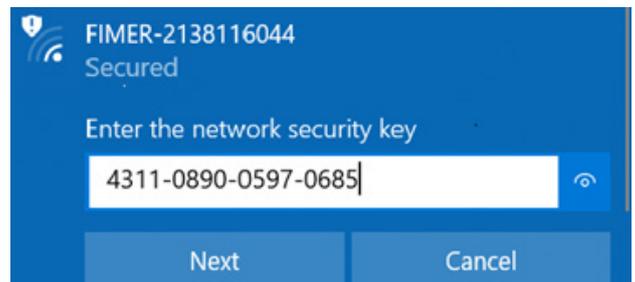# Connecting the Inverter to the local wi-fi

## Step 1

The Wi-Fi network can be joined by connecting the device to the Wi-Fi network (from device's Wi-fi section) using the Product Key as the password.

The inverter's Product Key can be found on the right side of the inverter or on the quick installation guide.
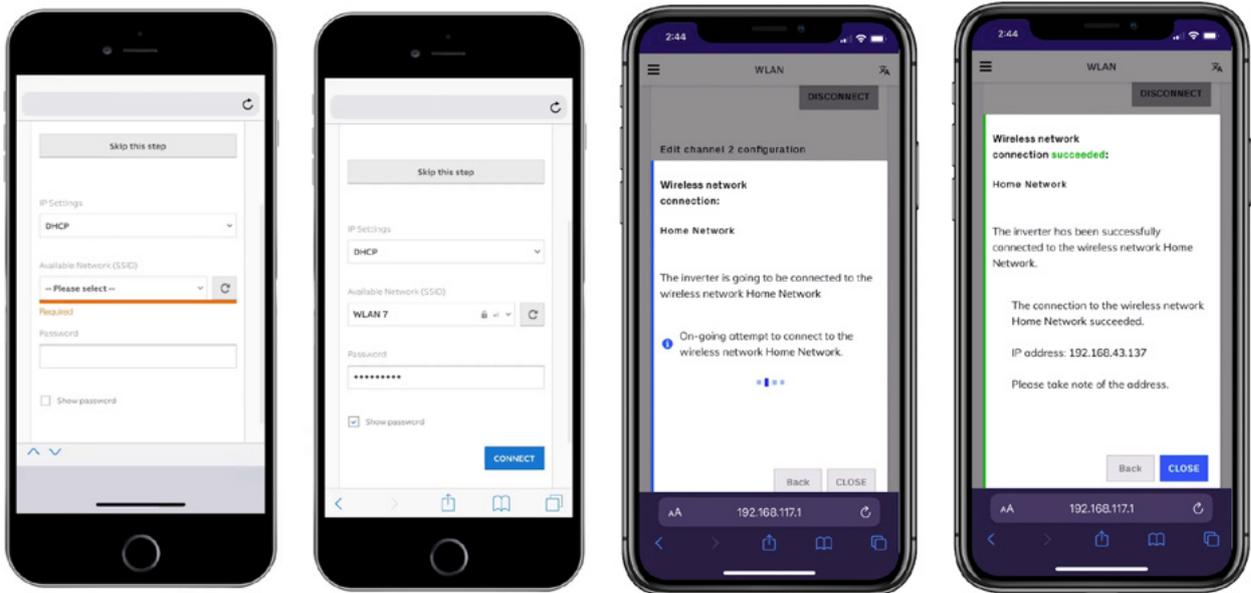


## Step 2

Once connected to Wi-Fi network, open a web browser (e.g. Google Chrome/Safari) on the same device and enter '192.168.117.1' on the address bar of the web browser.

Create an 'Administrator' and an 'User' account.

# Step 3

Set the IP Setting to DHCP (Choose 'Static' if the user wants to assign a fixed IP address to the system).

Choose the home network under the 'Available Network (SSID)' section, enter the Wi-Fi password and click 'Connect'.



# Step 4

A message will ask for confirmation. Click 'Next' to connect the inverter to the home wireless network.

# Step 5

Once the inverter is connected to the local wireless network, a new message will confirm that the connection is acquired.

Click 'Next' button to proceed to the next stage of commissioning.

# Commissioning the inverter

## Step 1

Check the Date, Time and Time Zone and click 'Next'.
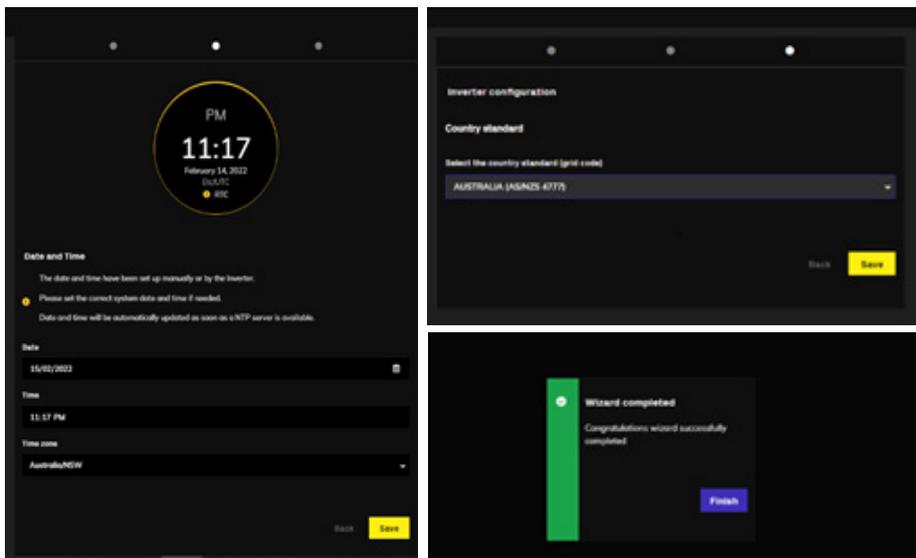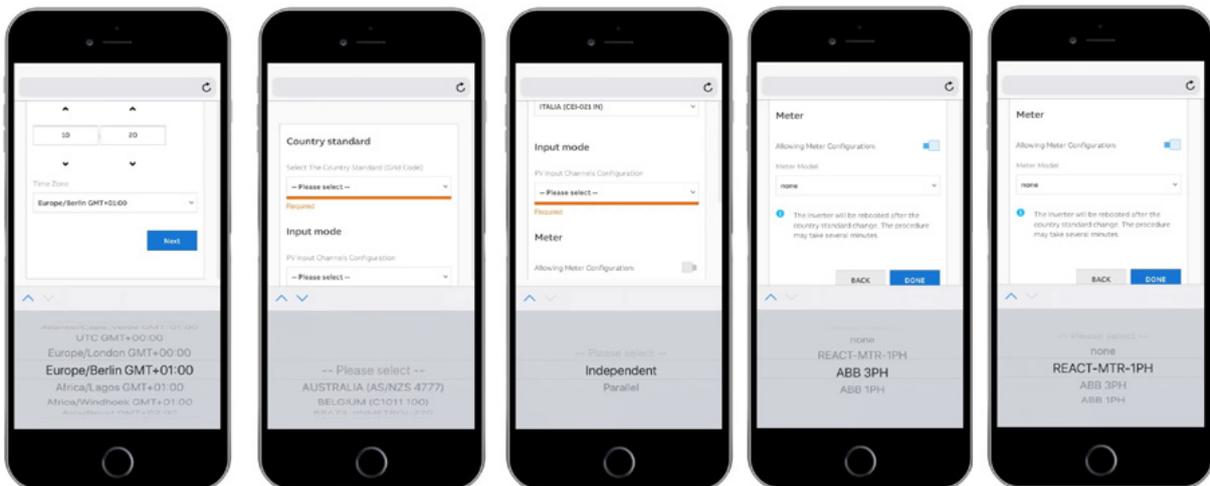
## Step 2

Set the grid standard to 'AS4777' for Australia.
Then set the 'Input Mode' and the 'Meter' (if any) and click 'End'.
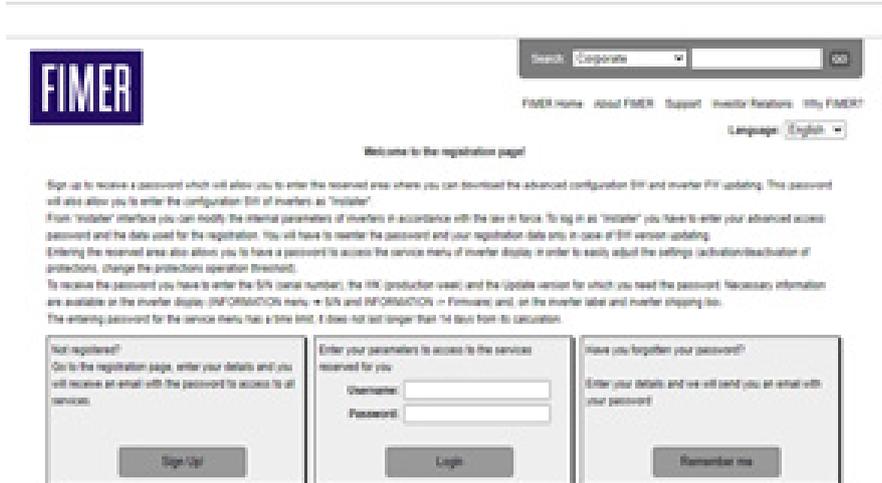
## Step 3

The inverter will reboot at the end of test phase and will display a confirmation message.

# Download & install the firmware update
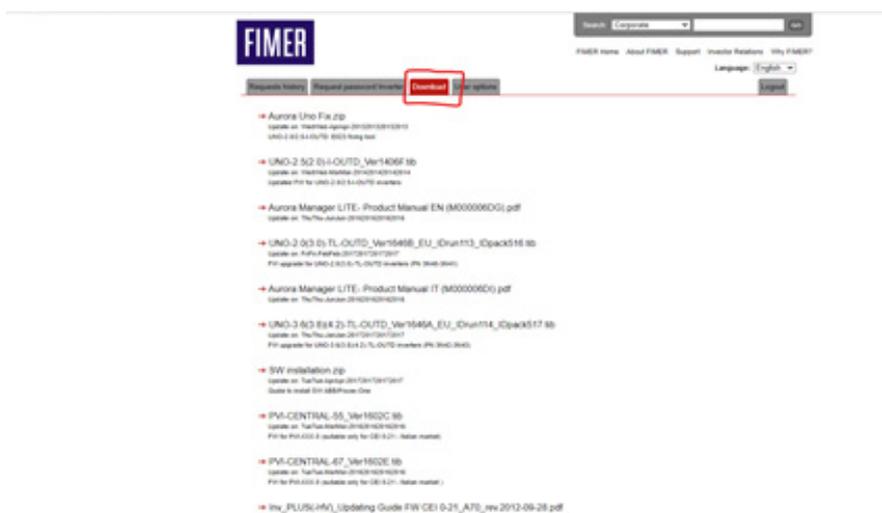
## Step 1

To download latest firmware for all Fimer Inverter range click on the link Power-One Customer Registration (fimer.com) and click on sign up.



## Step 2

After creating an account click on download and look for the Inverter model.

Click on Inverter model PVS 10-15 or PVS 20-33 depending on the Inverter size to download the latest firmware.
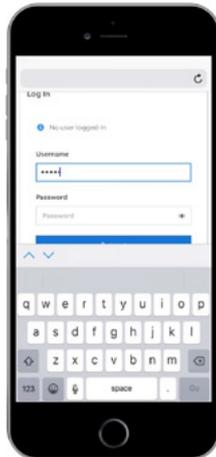
# Step 3

After commissioning, click on go back to log in.

Log in using admin credentials created during commissioning phase.

Make sure the inverter is connected to the wi-fi.
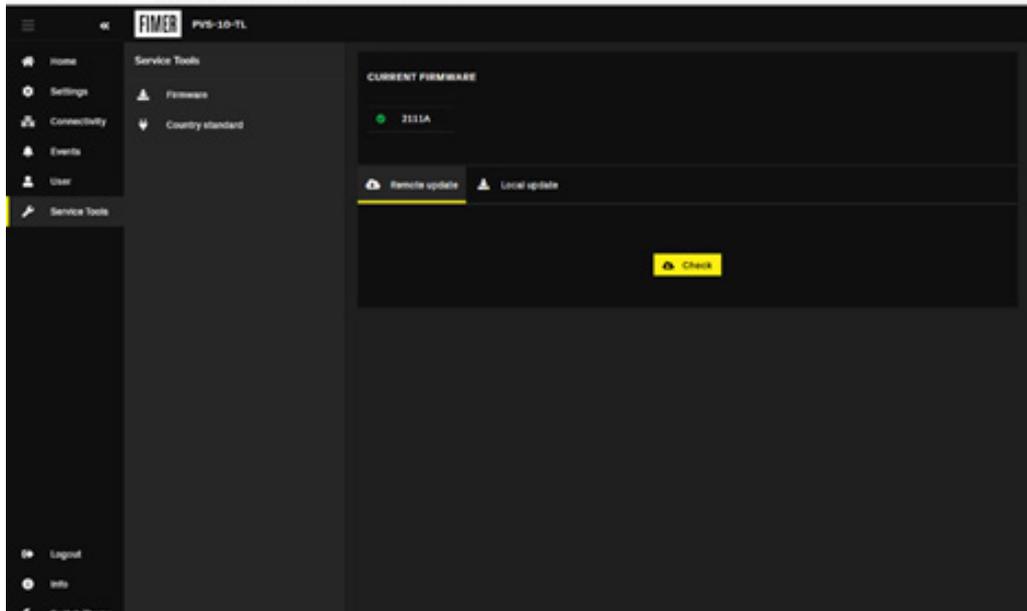


Insert your
Username and Password

If login credentials are misplaced select forgot password and enter 16-digit product key-PK (include – in the password).
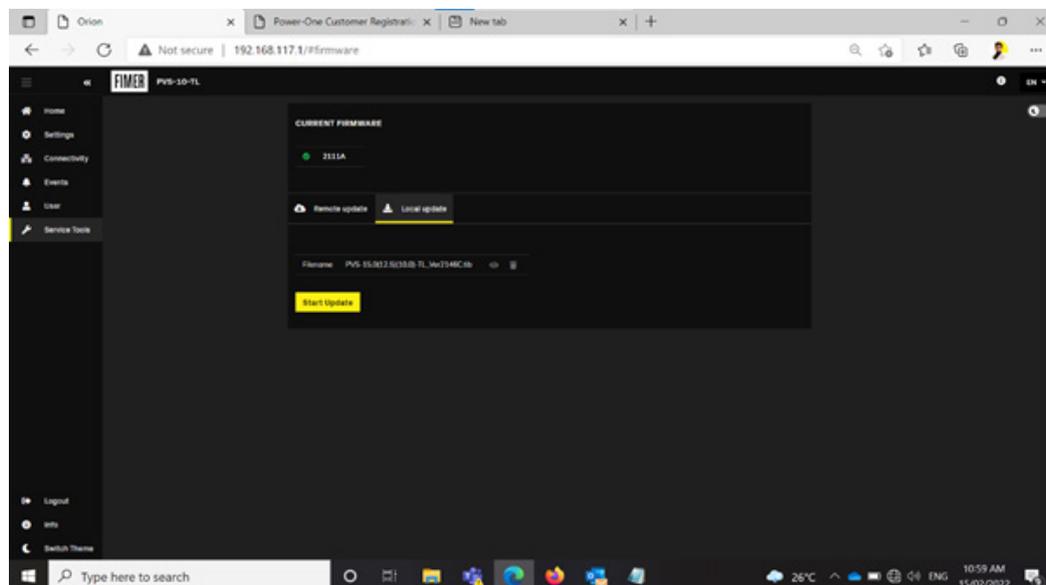
# Step 4

Once logged in, click on tools (spanner icon) and select firmware update.
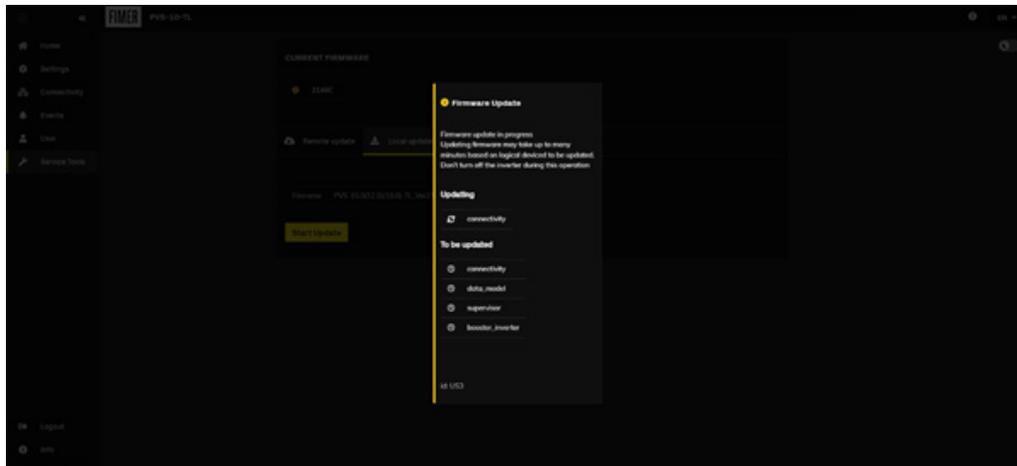


Make sure the "Local" tab is selected, click on "Select FW", choose BEN file on your device for upload.

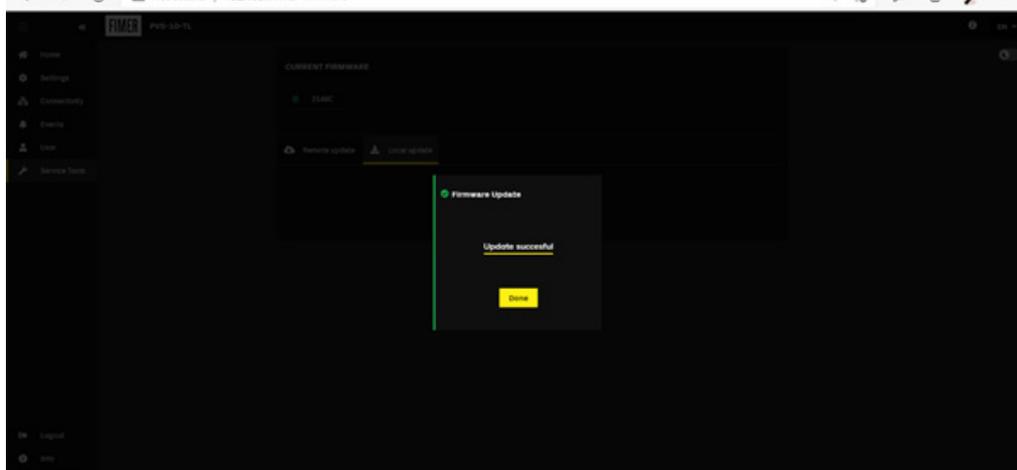**Note – Unzip the file before uploading.**

# Step 5

Once upload is complete, authorize the firmware update and inverter will start the upload. It can take between 45 -60 minutes to update the firmware. Do not leave the page or turn off the Inverter.



# Step 6

Once the firmware is updated, it will show update successful message on the screen of the device.

# Step 7

Once the firmware is updated, go to the country standard and select the grid code according to your DNSP requirements, by default the inverter will select Australia A(AS/NZS4777).