



Melbourne, September 14th 2021

FRONIUS INVERTER COMPLIANCE TO AS/NZS 4777.2:2020

Fronius Australia Pty Ltd

In 2020 the new Standard AS/NZS 4777.2:2020 – *Grid Connection of energy systems via inverters Part:2 Inverter requirements* was released. This standard will supersede the current AS4777.2: 2015 version and inverters that are not certified to the new 2020 standard by December 18th 2021 may not be able to be connected to the utility grid in Australia.

**New Zealand installations - it is not yet clear how the lines companies & electrical safety will be implementing the new Standard and therefore Fronius is unable to give any advice at this present time.

Some of the main changes introduced in the new standard are as follows:

- Introduction of 3 x Regions containing default protection and power quality settings (Region A, B and C)
- Introduction of grid disturbance functions
- Introduction of Export Limit & Generation Limit functions & tests
- Introduction of Inverter integrated DC Isolator requirements
- Changes to passive anti-islanding set points

The following Fronius inverters will be certified to the new AS/NZS 4777.2:2020:

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

The following Fronius inverters WILL NOT be re-certified to the new AS/NZS 4777.2:2020 standard:

- **Fronius Galvo series**
- **Fronius Symo Hybrid series**

The inverters that are not certified to the new standard will also no longer appear on the CEC Approved Inverter list after December 18th 2021. Fronius, however, will continue to provide service support for these inverters going forward, be it warranty & non-warranty cases.

The inverters that are being recertified, the existing stock that is already in the country or with Sales partners, an "onsite" software update will be required to bring the inverters into compliance. A separate detailed Application Note will be released soon with instructional details.

Fronius Australia Pty Ltd

Division Solar Electronics
90-92 Lambeck Drive
Tullamarine, VIC 3043

Rod Dewar
Solutions Manager