



SHIFTING THE LIMITS

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FRONIUS INVERTER COMPLIANCE TO AS/NZS4777.2:2015

Fronius Australia Pty Ltd

In 2015 the new Standard AS/NZS4777.2:2015 – *Grid Connection of energy systems via inverters Part:2 Inverter requirements* was released. This standard will supersede the current AS4777.2 & 3: 2005 version and inverters that are not certified to the new standard may not be able to be connected to the utility grid in Australia.

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

- Introduction of Demand Response Modes (DRM's)
- Changes to Passive Anti-Islanding trip points
- Additional Power Quality modes
- Phase balancing requirements

The following Fronius inverters will be certified to the new AS/NZS4777.2:2015:

- **Fronius Galvo series**
- **Fronius Primo series**
- **Fronius Symo series*** (except Symo S)
- **Fronius Symo Hybrid series**
- **Fronius ECO series**

The following Fronius inverters WILL NOT be re-certified to the new AS/NZS4777.2:2015 standard:

- **Fronius IGTL series**
- **Fronius IG Plus series**
- **Fronius Symo S series** (Symo 3.0-3-S, 3.7-3-S, 4.5-3-S)
- **Fronius CL series**
- **Fronius Agilo series***

The inverters that are not certified to the new standard will also no longer appear on the CEC Approved Inverter list after the application date. Fronius however, will of course provide service support for these inverter going forward be it warranty & non-warranty cases.

*Although the Fronius Agilo series will not be re-certified, they already have all the passive anti-islanding trip points and power quality modes that have been introduced into the new AS/NZS4777.2:2015 standard and therefore it may possibly that these inverters are able to be used on larger systems that have a dedicated transformer. We are currently in discussions with the various utilities to have this clarified.

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