

Dear Valued Customer,

On the 9th Oct 2015 the new Standard AS/NZS 4777.2:2015 – Grid Connection of energy systems via inverters Part:2 Inverter requirements, was released with a 12 month transition date. This standard will supersede the current AS/NZS 4777.2 & 3: 2005 version and as of 9th Oct 2016, 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

SMA:

All of the SMA inverters listed below will be certified to AS4777:2015, and may require a firmware update which can be downloaded from SMA website. Please review attached letter from SMA Australia and see instruction attached (SMA instruction for Non-Compliant Stock AS4777).

this link to our AS4777.2 Webinar;

Please take the time to view (click on the links):

AS/NZS4777.2:2015 - What does it mean for installers?

- Webinar link: <http://bit.ly/2bdVAFm>
Recording password: As4777
- Presentation slides: <http://bit.ly/2bU51IM>

Inverters to be Compliant with AS/NZS4777.2:2015

SB 1.5-1VL-40	STP 5000TL-20
SB 2.5-1VL-40	STP 6000TL-20
SB 3.0-1AV-40	STP 7000TL-20
SB 3.6-1AV-40	STP 8000TL-20
SB 4.0-1AV-40	STP 9000TL-20
SB 5.0-1AV-40	STP 10000TL-20
	STP 12000TL-20
SB 3000TL-21	
SB 3600TL-21	STP 15000TL-30
SB 4000TL-21	STP 20000TL-30
SB 5000TL-21	STP 25000TL-30
SBS 2.5-1VL-10	STP 60-10

Besides, the existing range of SMA Sunny Island inverters as shown following will not be re-certified to AS/NZS 4777.2:2015.

SI3.0M-11, SI4.4M-11, SI6.0H-11, SI8.0H-11

They can continue to be used in Off-grid applications such as:

- Pure Off-grid energy systems applications (i.e. no possible connection to a public grid)
- Off-grid configuration with the grid connected as backup (i.e. Loads and Solar connected to AC1, grid connected as backup via AC2)
- Battery backup only for on-grid (i.e. system only operates when the grid is down or disconnected)

Fronius:

All of the Fronius inverters listed below will be AS/NZS4777.2:2015 certified after a USB software update that the installers can perform in the field. Please find attached letter from Fronius.

Fronius will be sending out a newsletter with a set of instructions on how to update the inverters.

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

ABB:

All of the ABB inverters listed below sold by Solar Juice after 9th October 2016 will be all AS/NZS4777.2:2015 certified by using ABB DRM0 interface. Customers can purchase from Solar Juice for the DRM0 interface. The letter from ABB and quick installation guide of DRM0 interface are attached.

Inverter Model
PVI-3.0/3.6/4.2-TL-OUTD
PVI-5000/6000-TL-OUTD
TRIO-5.0/5.8/7.5/8.5-TL-OUTD
PVI-10.0/12.5-TL-OUTD
TRIO-27.6/20.0-TL-OUTD

Solax:

All of the Solax inverters listed below will be certified to AS4777:2015. Please find attached letter from Solax.

SK-SU3000E, 3700E, 5000E
 SK-TL3000E, 3700E, 5000E
 SK-TL5000R (SolaX BoX)
 SK-SU3000C, 5000C
 SK-TL5000C

Zeversolar:

All of the Zeversolar inverters listed below will be certified to AS4777:2015. Please find attached letter from Zeversolar.

Inverter Model			
ZL 1500S	ZL 4000	TLC 4000	TLC 8000
ZL 2000S	ZL 5000	TLC 5000	TLC 10000
ZL 3000S		TLC 6000	

Solar Juice will release further information if needed.