



Date: 1st July 2016

On the 9th October 2015 the new standard defining the grid interface for inverters, AS/NZS 4777.2:2015, was released. The standard will supersede the older versions AS/NZS 4777.2:2005 and AS/NZS 4777.3:2005 on the 9th October 2016. After this date, inverters which do not meet the requirements of the new standard will not be allowed for install in grid connected applications in Australia and New Zealand. While the changes in the new standard may seem extensive, the main differences can be summarised down to a few points:

1. Changes to Voltage Trip Points
2. Addition of Grid Support Capabilities
3. Increased Requirements for Phase Balancing in 3-Phase systems
4. Demand Response Mode (DRM) capability

Although Zeversolar manufacture inverters for a global market, a large proportion of the portfolio will be compliant to the new standard, for newly manufactured product, by integrating demand response directly to the inverters (as shown in the image below). For existing product, some inverter models will be able to retrofit software and hardware to meet requirements.



Zeversolar inverters produced from the factory ready to comply are as follows:

Table 1 - list of AS-MANUFACTURED inverters which will comply with AS/NZS 4777.2:2015

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

Zeversolar inverters which will be able to undergo a retrofit upgrade to comply with new standards are as follows:

Table 2- list of inverters which can be retrofitted to comply with AS/NZS 4777.2:2015

Inverter Model
ZL 1500S
ZL 2000S
ZL 3000S

Zeversolar will release information closer to the change date for compliance with specific information about how inverters capable of retrofit shall be modified to meet the new standard.

If you have Zeversolar product which listed in Table 1 manufactured before October 2016, or which is not listed in Table 2, these inverters need to be installed and commissioned before 9th October 2016.