

RVMAP TECHNICAL UPDATE **MARCH 2015**

Recreational Vehicle Solar Installations

It has been brought to our attention that recent changes to the Australian Standard - Installation and Safety Requirements for Photovoltaic (PV) Arrays (AS/NZS 5033:2014) MAY affect the installation methods on some Recreational Vehicles.

After seeking clarification from the appropriate regulators it is understood that any solar installation which exceeds 120V ripple free DC from the solar panels to the solar regulator must install an appropriate isolator as close to the solar array as practicable.

This regulation should not affect the majority of manufacturers, however, be mindful if you are wiring your solar panels in series down to the solar regulator.

Furthermore, any installation which allows the voltage to come down from the solar panels above 50V AC will also require isolation. Unless the solar panels are fitted with individual micro inverters this should not be a problem.

As it is an Australian Standard this regulation applies across Australia and is not State specific.

If you need further clarification on this item, please feel free to contact James Field (Technical Liaison).

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