

Solar Regulators

This Tech Tip is in relation to Solar Panel Battery Chargers and comes to you thanks to pictures and information from Tony Sievwright of Kangaroo Island Auto Electrical.



Tony sent us these pictures of a Sealed AGM Battery which was under the bed of a caravan brought into him that was being charged from a Solar Panel through a dubious brand Solar Charger. Being that the Solar Panel's open circuit Voltage could be up to 22Volt in good light, if the Regulator does not control the voltage correctly this will be the result! This battery had to be cut out of its enclosure and the owner was extremely lucky there was not an explosion in the caravan with the gases this battery would have been venting.

JAS Supply Quality Solar Controllers from the 10Amp **LV1890**, also 20Amp **LV1891** 12/24 volt & 30Amp **LV1892** 12v only.



Please also refer to Tech Tip 41 – Batteries for Recreational Vehicles, that explains why it is so important to have the correct type of battery in a vehicle that has a habitable area or has sleeping quarters.