

TN021 – Sonnen eco 8 AC Isolation / Connection Requirements

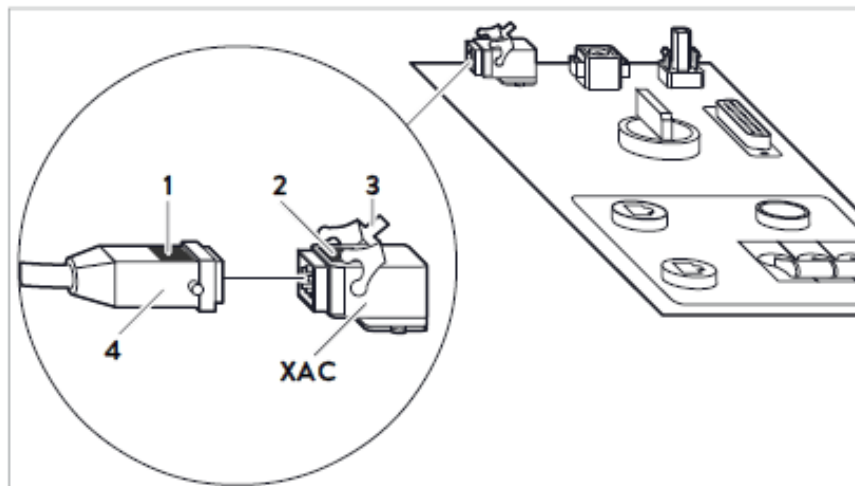
The connection to the main switch board of the sonnen eco 8 series systems is made via an AC socket.

AS/NSZ 4777.1:2016 section 4.5 states that:

A labelled isolation device, able to be secured in the open position, shall be provided between any energy source and the inverter. This device shall comply with the requirements of devices for isolation and switching in AS/NZS 3000 and be capable of safely breaking voltage and current under both normal and fault conditions.

The isolation device shall be located adjacent to the inverter energy source port and be readily available unless the energy storage and the inverter are physically integral, in which case the requirements of AS 62040.1.1 shall be adhered to. Where there are multiple inverter energy source ports, each port shall have an isolator for each connected energy source.

The following is the illustration of the permissible isolation device supplied and fitted as part of the sonnen eco 8 series product as detailed in AS/NZS 477.1:2016



No external AC isolator is required, however fitting of such a device is at the discretion of the installer.

If you have any further questions or require support or assistance, please contact us at support@sonnen.com.au.

Yours faithfully,



James Sturch
Technical Business Manager Australia & New Zealand