

## Manufacturer's Declaration PCE Compliant Load Break Disconnecter

FoxESS hereby declares its inverters have a built-in DC load break disconnecter able to comply with the requirements of a load break disconnecter located in the enclosure of the PCE as specified in AS/NZS5033:2014 Amd 1 + Amd 2 and IEC60947-3. When the Built-in DC load break disconnecter is in the OFF position, there is no risk of electrical hazard for FoxESS inverter replacements. This declaration holds where the faulty inverter has been replaced with a replacement device provide by FoxESS and no maintenance shall be carried out on site by opening the device. The following products are covered by this declaration.

- E3000
- E3600
- F4600
- F5000
- F6000

Where the inverters are installed according to the manufacturer instructions as required by AS/NZS3000:2018, the voltage and current ratings of the integrated load break disconnecter at an ambient air temperature of 60°C equals or exceeds the maximum allowed values of the PV generator( open circuit voltage, short circuit current) that are listed in the datasheet, if the short circuit current and the open circuit voltage of the PV generator are below the allowed values for the inverter, the integrated load break disconnecter is rated such that it fulfills the requirements of AS/NZS5033:2014 Amd 1 + Amd 2.

FoxESS inverters should only be de-commissioned and re-commissioned by appropriately qualified persons as identified in relevant product operating manuals. These can be found at [www.fox-ess.com](http://www.fox-ess.com). For installation where the inverter is being replaced, the replacement inverter should be readily available and directly installed after the inverter to be replaced has been decommissioned and removed.

**FoxESS Co.,Ltd**



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