

Error 088 - Arc Fault on PV Side (Via LCD Panel)

Disclaimer

The material in this document has been prepared by Sungrow Australia Group Pty. Ltd. ABN 76 168 258 679 and is intended as a guideline to assist solar installers for troubleshooting. It is not a statement or advice on any of the Electrical or Solar Industry standards or guidelines. Please observe all OH&S regulations when working on Sungrow equipment.

Arc Faults are usually a result of loose wiring / terminal or even damaged cables. Hence, to protect against such faults, Sungrow introduces a new feature on inverters.

The new Crystal G2 Premium Inverters come with the new in-built feature i.e. AFCI (Arc Fault Current Interrupter) function. This function allows the inverter to detect Arc Faults on the PV side (088 Fault) and stop the inverter from producing to prevent its consequences.

Clear the Arc Fault from inverter side

The error 088 could be cleared either from inverter side or by Local Access. Click the Enter and find the Settings on the inverter, which could be shown as Figure 1.

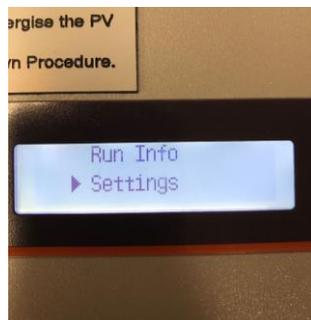


Figure 1 Settings

After that, put the password as 111 and scroll down to find the Arc detection, which can be shown as Figure 2 and Figure 3.

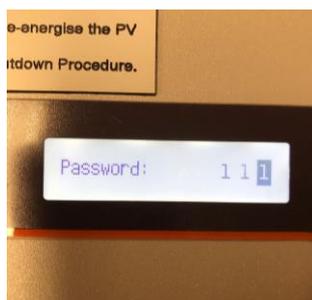


Figure 2 Password

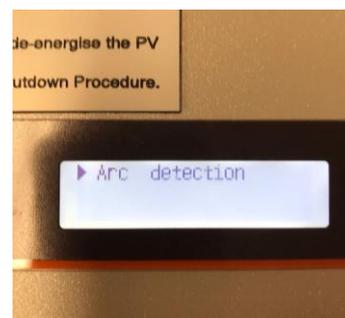


Figure 3 Arc detection

Click the Arc detection and select ON, after clicking entering, it will show Setting completed shown as Figure 4 and Figure 5.

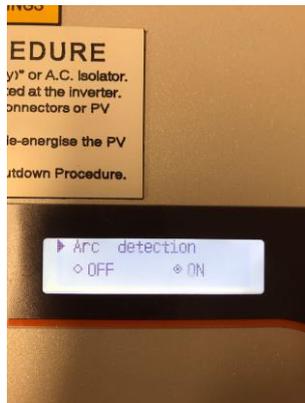


Figure 4 Turn on the Arc detection

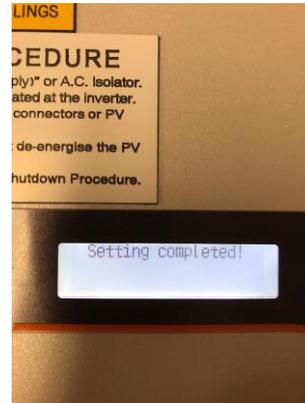


Figure 5 Setting completed

After that, a new window for the further operation will automatically pop up, which could be shown as Figure 6. Choose the Arc fault clear and there will be a new window popping up for confirming. By clicking Enter, it will show that the Setting completed, which could be shown as Figure 7 and Figure 8.

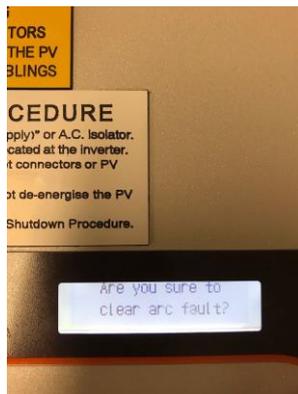


Figure 7 Confirming the setting

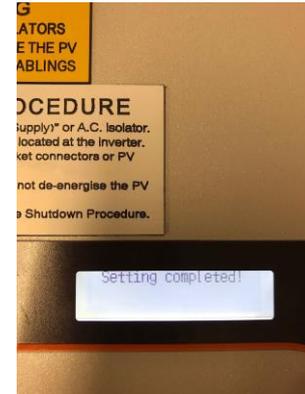


Figure 8 Setting completed

If the issue still presents, please contact Sungrow Service Department on 1800 786 476 or email to service@sungrowpower.com.au.