

Induction oven/cooktop goes into fault mode

Disclaimer

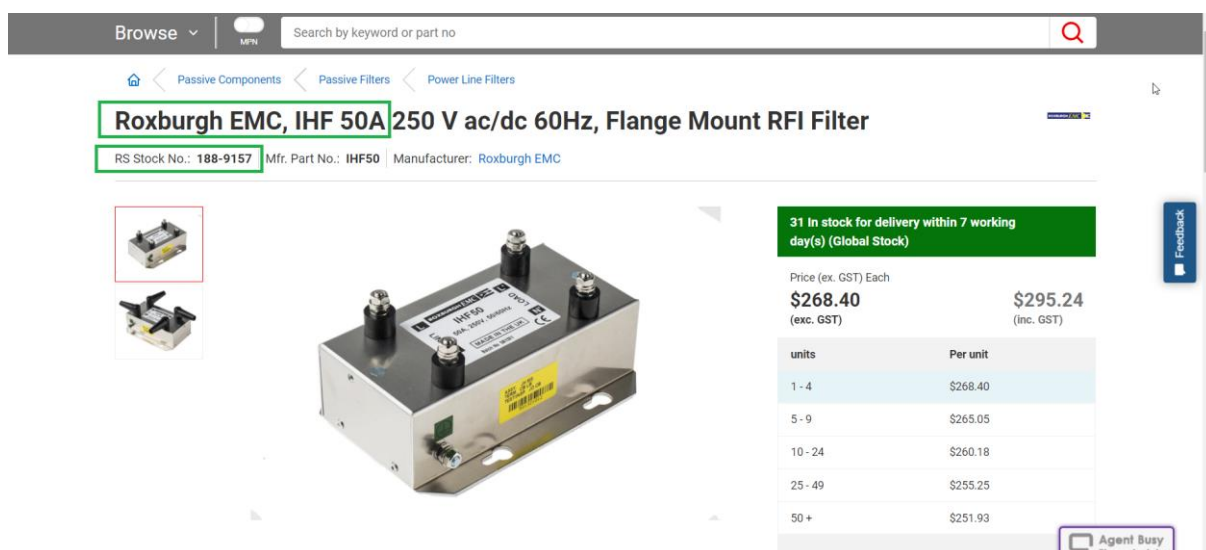
The material in this document has been prepared by Sungrow Australia Group Pty. Ltd. ABN 76 168 258 679 and is intended as a guideline to assist solar installers for troubleshooting. It is not a statement or advice on any of the Electrical or Solar Industry standards or guidelines. Please observe all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

There have been a small number of occasions where an end user's induction oven or cooktop goes into fault mode during inverter operation.

Sungrow have tested the inverters and found them to be both operating properly and fully compliant with all standards and that it was due to the induction unit being too sensitive to HF on the AC.

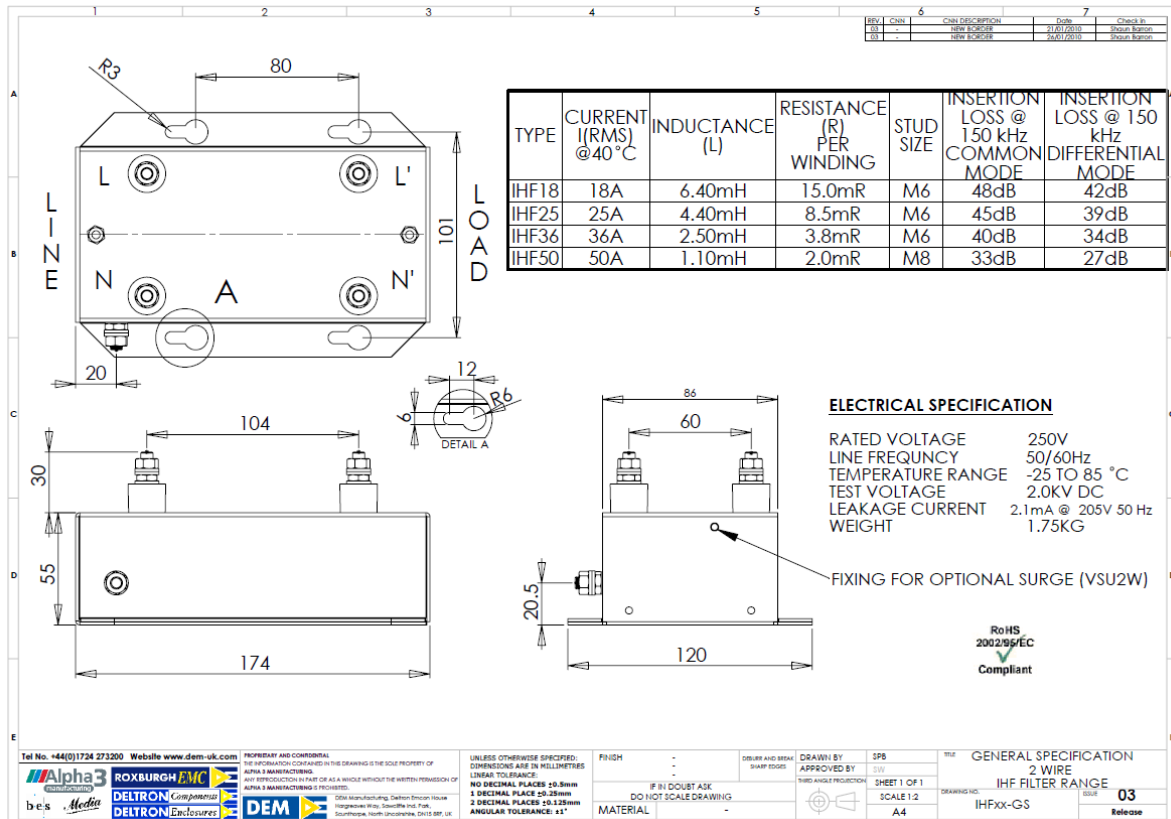
After some research and testing, it was found that by installing a mains filter on the AC output of the inverter, the problem ceased.

The part used was a **Roxburgh EMC IHF50 (50 Amps)**, which was purchased from **RS Components. Part # 188-9157**



Picture 1 – Screenshot of web page

Data sheet:



Picture 2 – Data sheet

Please ensure the current rating matches the max AC power of the inverter.

If the issue persists after following above procedures, please take photos testing on site and contact Sungrow Service Department on 1800 786 476 or email to service@sungrowpower.com.au, Monday- Friday 9am - 5pm (AEDT).