

## Checklist – Error 084 (Energy Meter)

**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.*

**Error 084** occurs when an unexpected current flow passes through the Current Transformer.

For example, if the inverter is producing 3 kW of power, and there is 4 kW being measured exporting through the CT. It indicates something incorrect with wiring or settings

Please ensure the following is correct (Diagrams on next page):

Test	Yes/No
Is there another inverter connected to the same phase?	
If yes, has the “Existing System / Inverter” setting been enabled?	
Is the CT on the main active conductor supplying the property?	
Is the arrow on the CT pointing towards the house loads?	
Are all the loads and inverter(s) on the opposite side to grid on the CT?	
Has the meter reference voltage been connected to the main busbar?	
Has the CT been disconnected from the meter and re-attached? Is the wiring correct (Try reversing polarity)?	

*Table 1 – Checklist*

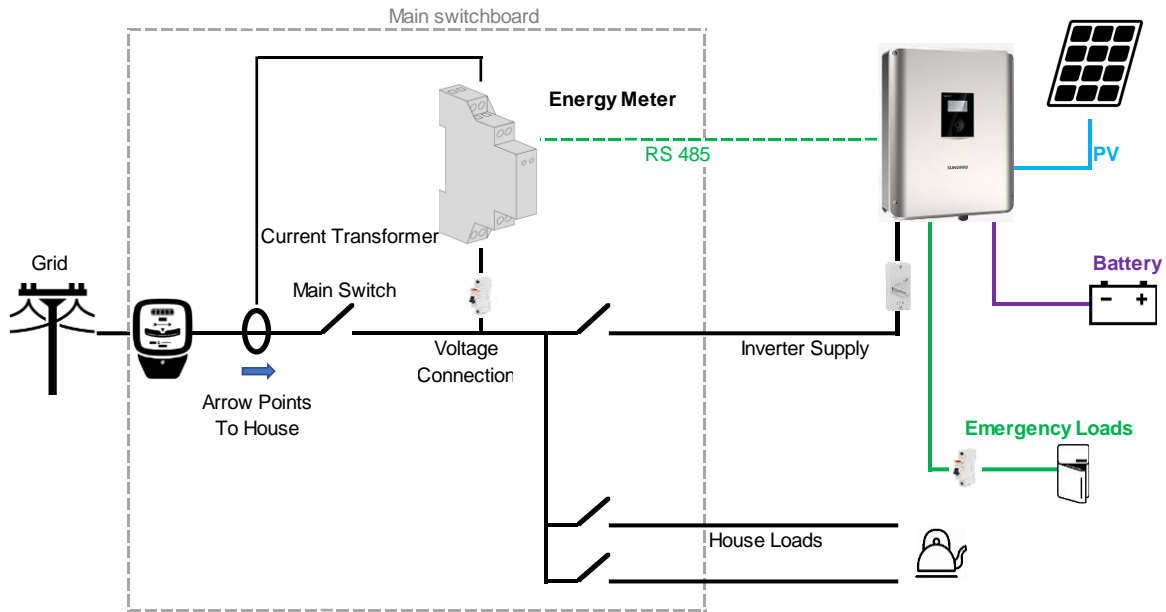
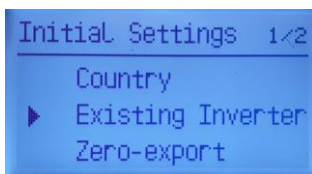
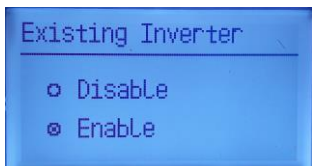


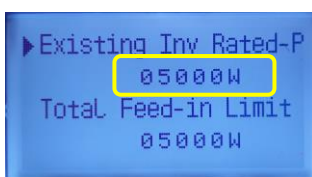
Diagram 1 – Location and polarity of the Current Transformer (SH5K-30 shown)



Enter the settings menu (password 111) and Select 'Existing Inverter'



Enable



Enter total Watts AC

Photos 1-3 – Setting the Existing Inverter

If the above have all been confirmed as correct, installer may either:

- Lodge a warranty claim for the replacement (Sungrow may process as a conditional replacement\*), or
- Lodge a warranty claim to request an Approved Sungrow Service Partner attend site\* (actual service costs will be charged if it is not faulty).

\*Subject to Sungrow's Warranty terms and conditions