

Setting the CT ratio in Sungrow 3-Phase Hybrid Inverters

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.

Overview:

When installing a DTSD1352-C/1(6)A energy meter with Current Transformers, the CT ratio will need to be set using the iSolarCloud App.

Before setting this, please ensure the following:

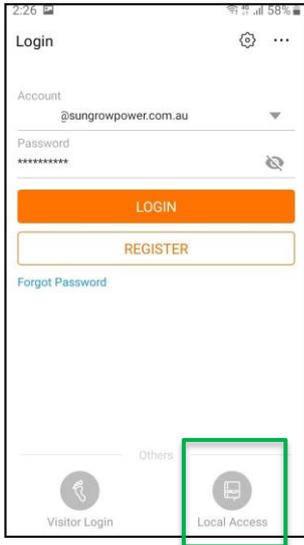
- Correct CT rating for the installation
- Secondary current of 5 Amps
- Correct placement (between main switch and all loads / inverters)
- Correct polarity and phasing

Once confirmed, you may set the ratio in the iSolarCloud App settings (this is done 'AFTER' the initialisation procedure)

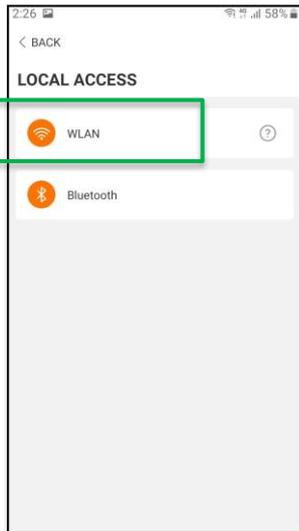
Log into the inverter by using the 'Local Access / WLAN' feature:



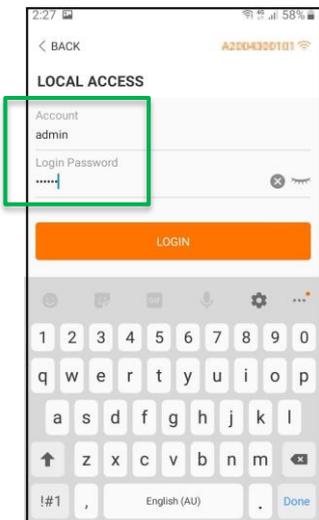
Go to phone settings and connect to the SG network / Dongle via your phone's WiFi (Serial number is the password)



Open the iSolarCloud App and Select 'Local Access'



Select 'WLAN'



Log in as 'admin' and use the installer password (Contact Sungrow for password)



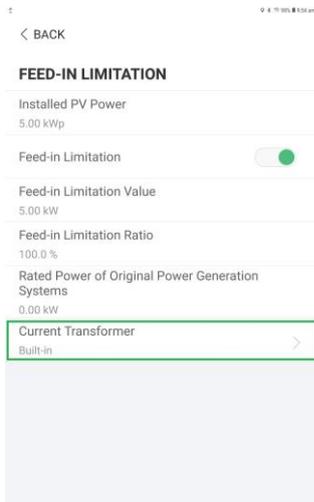
Select **'Settings'**



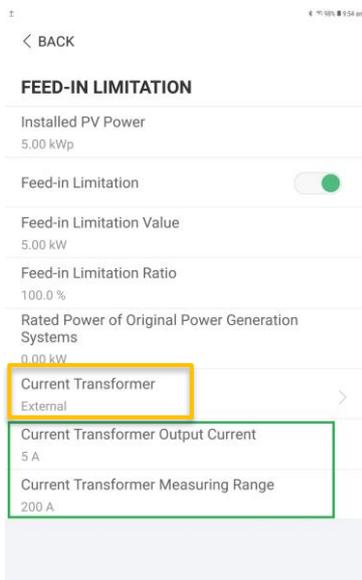
Select ***"Power Regulation Parameters"***



Select ***"Feed-In Limitation"***



Enable limitation and click on **“Current Transformer”**



Select **“External”** then add the correct primary and secondary values.

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).