Pre-Commissioning Checklist (C&I)

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.

This document covers the commissioning stage after **the AC and DC cables have been installed and the inverters mounted**.

Applicability: SG30CX, SG50CX, and SG110CX

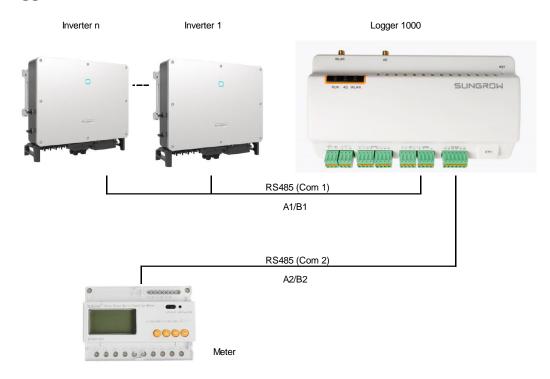Please ensure you have the following equipment and preparation:

- Shielded twisted pair (RS485) cable, or Cat 6 and RJ45 plugs used
- **Sungrow energy meter installed (if required)**
  - DTSD1352-C/10(80)A if switchboard less than 80 Amps
  - DTSD1352-C/1(6)A Plus CT's with correct ratio (5 Amp secondary)
- **Internet access and requirements ready (check with a site IT staff)**
- **Logger1000 or EyeM4 devices for monitoring access (Ethernet cable connected if using Logger1000 / Ethernet)**
- iSolarCloud App and installer account
- *Sungrow C&I documents and videos stored on your laptop or phone etc*
- Laptop (preferred), tablet or smart phone for commissioning
- Hand tools
- Lan Tester (Recommended)

Note: EyeM4 dongles are not used where a Logger1000 is connected

Ensure the RS485 cables are connected as per Sungrow documentation

For Logger1000:

Inverter n	Inverter 1	Logger 1000

RS485 (Com 1)

A1/B1

RS485 (Com 2)

A2/B2

Meter

For EyeM4:

Max 9	Inverter 2	Inverter 1

RS485 (A1/B1)   RS485 (A1/B1)

WiFi

RS485 (A2/B2)

EyeM4

Meter

Contact Sungrow Service Department on 1800 786 476 or email to service@sungrowpower.com.au for any issue, Monday- Friday 9am - 5pm (AEDT).