

Meter and battery connections on Sungrow G3 range

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:

There is a COM pinout diagram on the left-hand side of all Sungrow Ger 3 inverters. Due to internal hardware configurations, the pinouts may be different from model to model.

The top row are odd numbers and the bottom row are even numbers.

The following is a selection from the installation manuals.

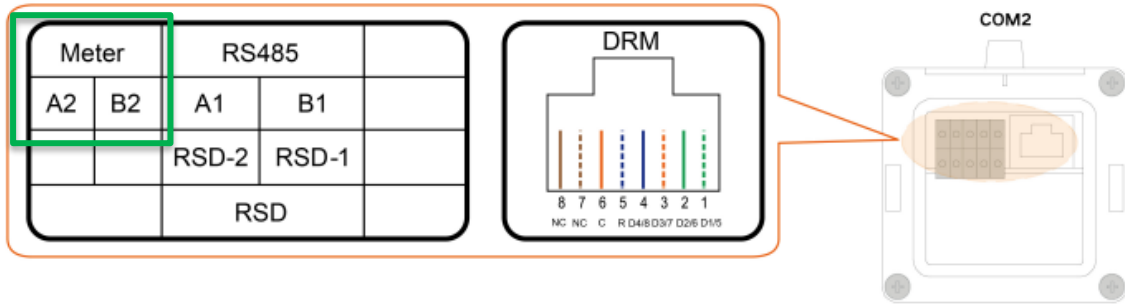
Meter COM (RS485) shown in Green, and Battery CAN shown in Orange:

Grid-Connect / Single-Phase:

SG2.0 – 6.0RS:

RS485	Meter	DRM	RSD
A1	A2	R	RSD-1
B1	B2	C	RSD-2

SG5.0-8.0RS-ADA:



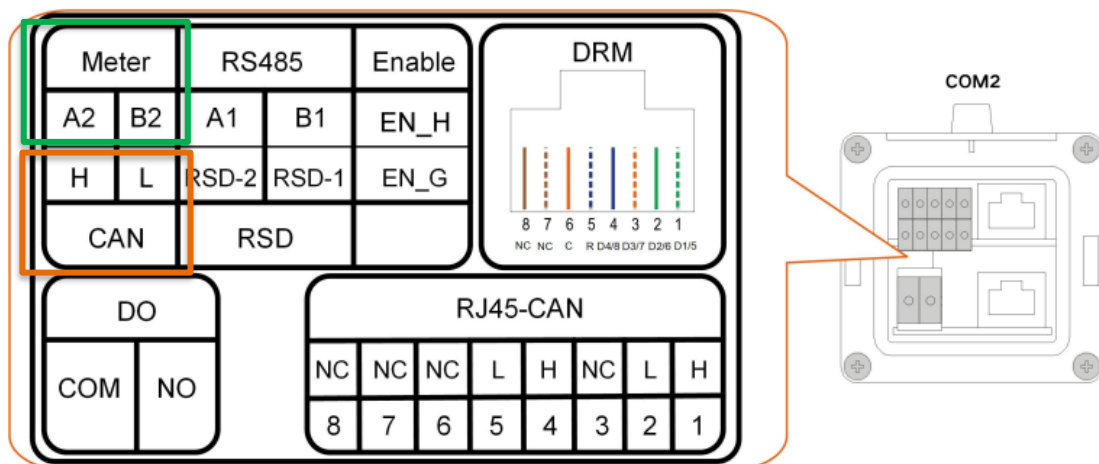
Grid-Connect / 3-Phase:

SG5.0-20RT:

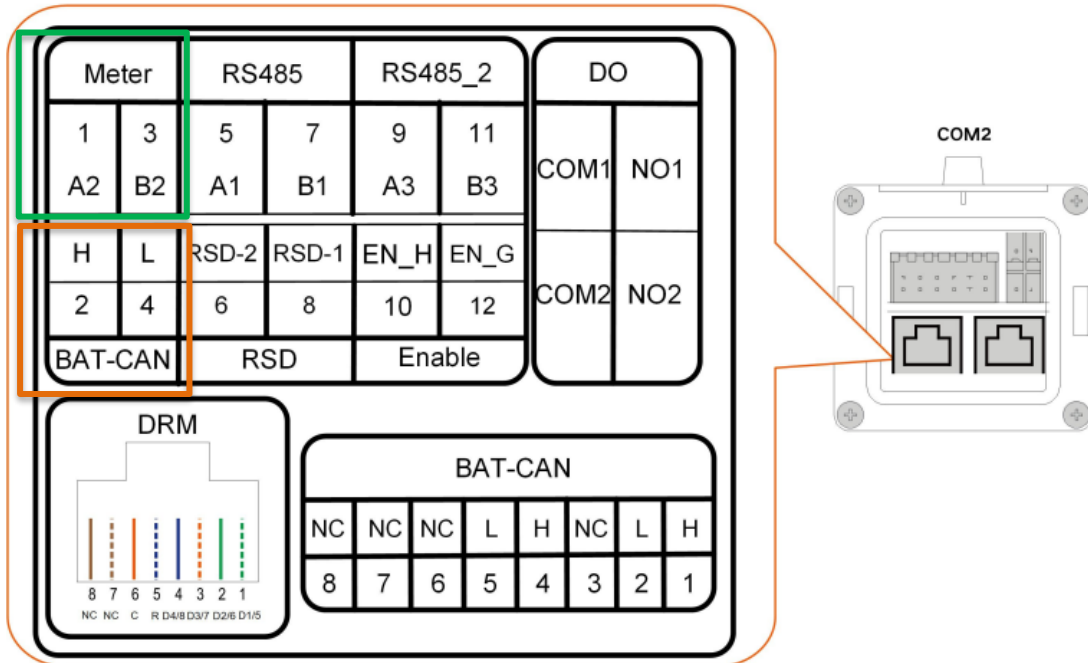
RSD		NS		DRM			RS485-1	DO
RSD-1	RSD-2	NS-1	NS-2	D1/5	D3/7	R	A1	NO
B3	A3	B2	A2	D2/6	D4/8	C	B1	COM
RS485-3		Meter						

Hybrid / Single-Phase:

SH5.0/6.0RS:

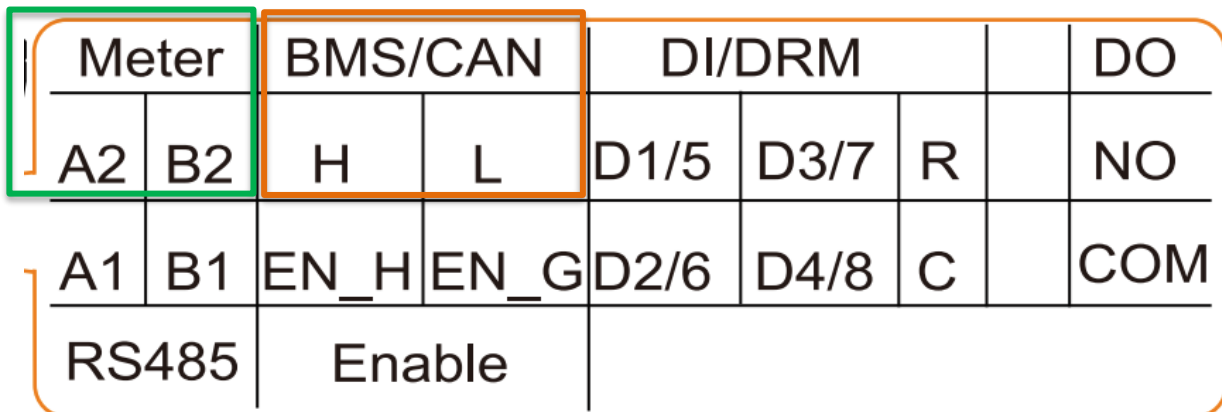


SH8.0/10RS:



Hybrid / 3-Phse:

SH5.0/10RT:



If the issue still persists, please take photos testing on site and contact Sungrow Service Department on 1800 786 476 or email to service@sungrowpower.com.au.