

Sungrow SH**RT Series – Parallel battery function

Disclaimer

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On the new HV 3-Phase Hybrid inverter series, it is possible (by updating the dongle and inverter firmware) to parallel two identical stacks on the Sungrow SBR battery range.

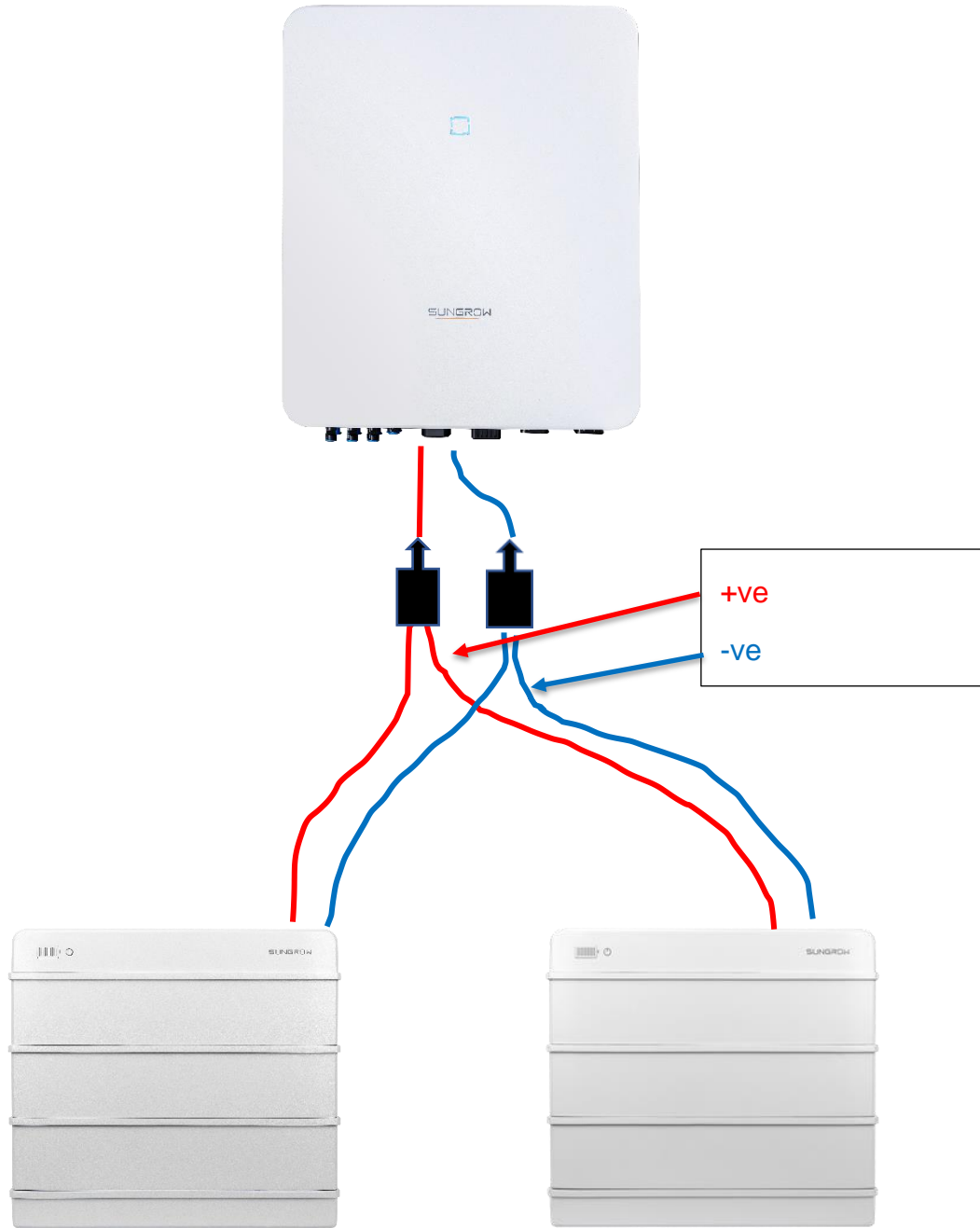
The must be identical.

DC cable:

By using a Sunclix branch connector, parallel both the positive and negative (2 required).



Picture 1 – Example Sunclix Y connector.



Picture 2 – DC Power connections

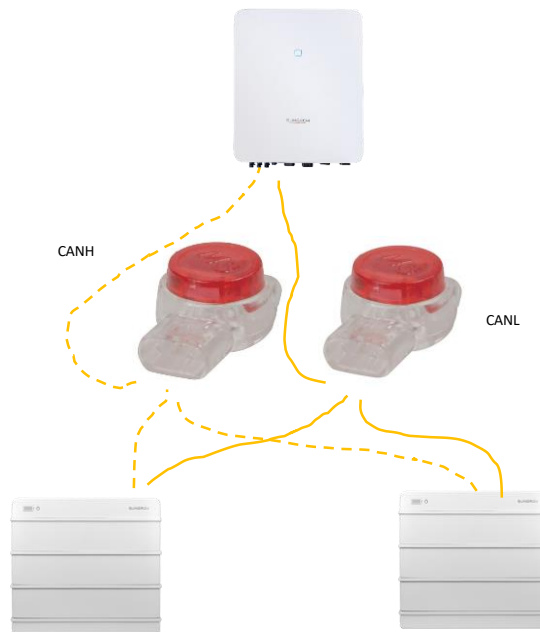
Battery Coms cable:

As with the DC power cable, the CANH and CANL Data cables as connected in parallel using a 3-way sealant filled splice connector, similar to the ones shown below.



Picture 3 – Example weatherproof data splice

The CANH and CANL cables are then connected in parallel, and then to the CANH and CANL connections of the multiplug as normal.



Picture 4 – Parallel data connection detail

Meter		BMS/CAN		DI/DRM			DO		
1	A2	B2	H	L	D1/5	D3/7	R	NO	17
2	A1	B1	EN_H	EN_G	D2/6	D4/8	C	COM	18
RS485			Enable						

Picture 5 – CANH and CANL connections at the multiplug

Ensure to update the firmware on both dongle and 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).