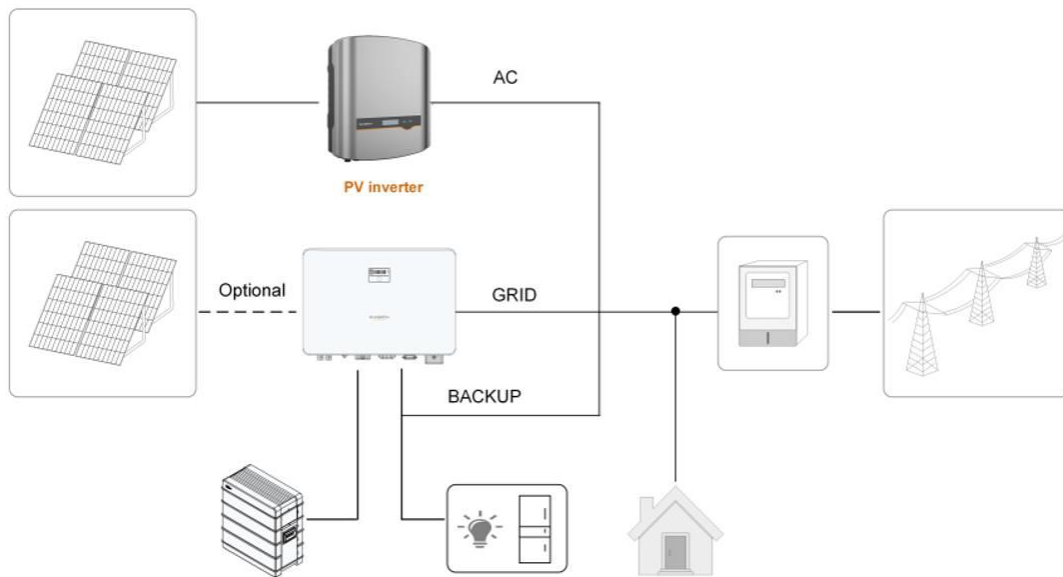


Backing Up Third-Party Inverters With The Sungrow SHXXRS/RT/T Series



You can integrate a third-party inverter into the backup circuits of Sungrow SHXXRS/RT/T Hybrid series to maintain operation during a blackout. Several critical criteria must be observed for proper implementation:

1. The third-party inverter's rating must be equal to or lower than that of the Sungrow hybrid.
2. The third-party inverter should be capable of responding to frequency shift.
3. A battery must be DC coupled to the Sungrow hybrid, with a DC power output rating equal to or greater than the AC output of the third-party inverter. a. For instance, if the third-party inverter has a nominal AC output of 8kW, the Sungrow SBR160, with a rated DC power of 9.6kW, is recommended.
4. It is advisable to utilize the DTSU666-20 meter and incorporate additional CT(s) to measure the output of the third-party inverter.
5. During commissioning of the Sungrow hybrid, ensure that Frequency Shift is enabled, as outlined in appendix A.

NOT JUST A BOX MOVER

TECHNICAL SUPPORT
SALES SUPPORT

Queensland Head Office and Warehouse

184 Bluestone Circuit,
Seventeen Mile Rocks QLD 4073
1300 SUPPLY (1300 787 759)

North Queensland Warehouse

22-26 Jay Street,
Townsville QLD 4818
(07) 3122 7584

New South Wales Warehouse (also servicing ACT)

6 Pike Street,
Rydalmere NSW 2116
(02) 9137 7942

Victoria Warehouse (also servicing SA & TAS)

34 - 38 Westpool Dr,
Hallam VIC 3803
(03) 8060 5419

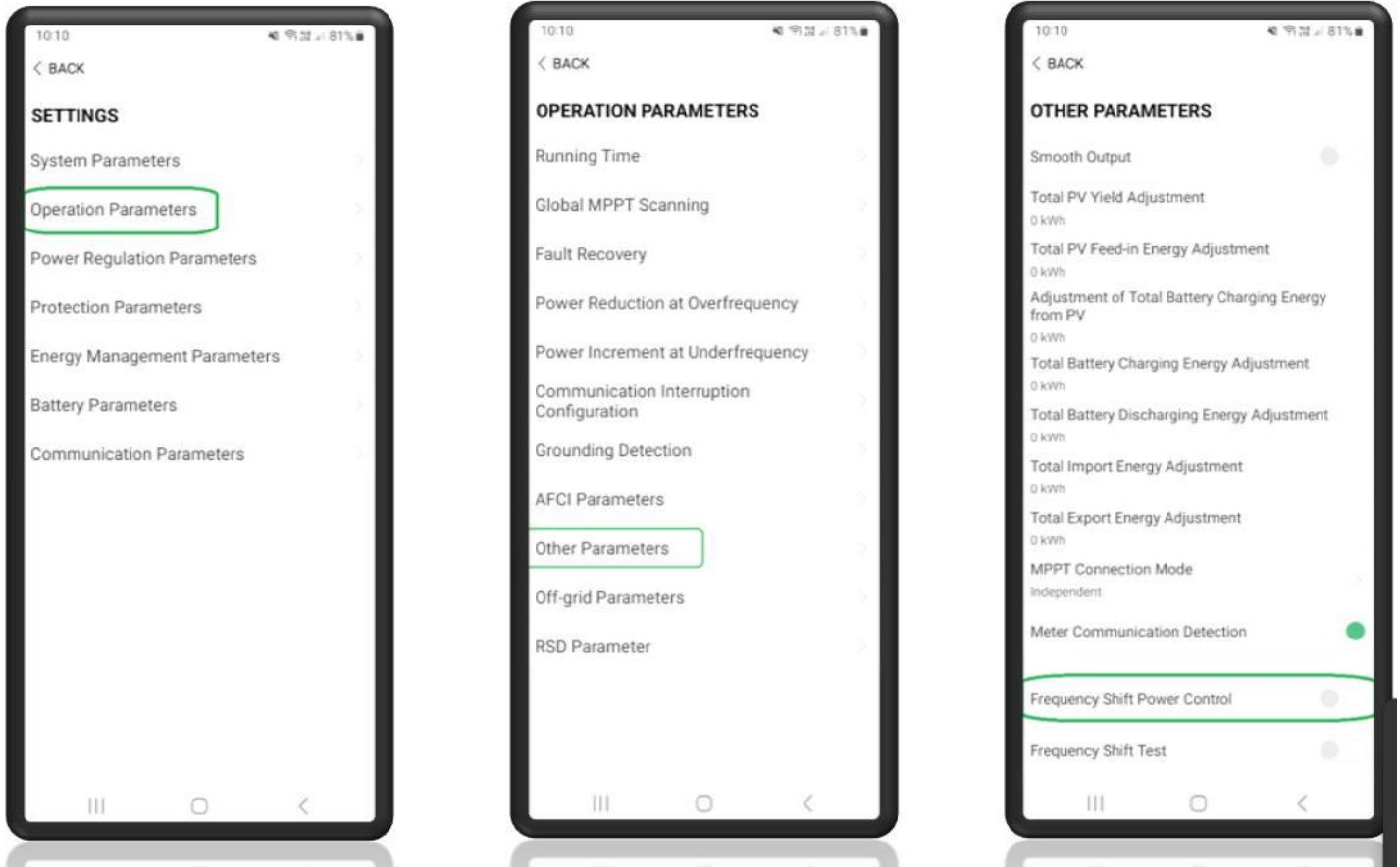
Northern Territory Warehouse

34 O'Sullivan Circuit,
East Arm NT 0828
(08) 6319 7742

Western Australia Warehouse

17 Hazelhurst Street,
Kewdale WA 6105
(08) 6319 7742

Appendix A:



NOT JUST A BOX MOVER

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