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SUNGROW INVERTER COMPLIANCE TO AS/NZS 4777.2:2020 17th Dec 2021 Bulletin

Sungrow Australia Group Pty Ltd

New Update from ERAC, EESS Standing Committee of Officials

On 14th Dec 2021, the statement from the Electrical Regulatory Authorities Council (ERAC) and the Standing Committee of Officials (SCO) of the Electrical Equipment Safety System (EESS) had been published. According to the statement, they released 3 key solutions to solve the inverter crisis:

- 1, Suppliers of solar PV inverters will be required to declare that the inverter incorporating DC isolators complies with AS/NZS 4777.2:2020.
- 2, Suppliers of inverters with internal DC isolators will have until 30 June 2022 to demonstrate that the DC isolators comply with the Australian standard, as tested by a fully accredited test laboratory.
- 3, Regulators will work with industry, test facilities and accredited certifiers to ensure that suitable testing facilities are available to enable suppliers to obtain the necessary certification by 30 June 2022.

Current Status

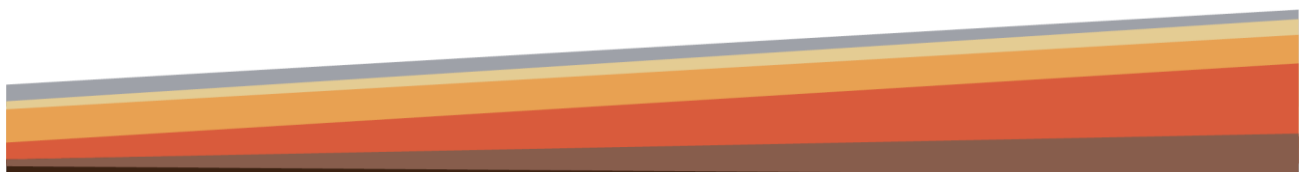
Inverter Manufacturer Sungrow Power Supply Co., Ltd. published the manufacturer's inverters incorporating DC isolators compliance declaration (The Declaration of AS/NZS 4777.2:2020 and AS 60947.3:2018 Compliance) on 14th Dec 2021, the relevant inverters with integrated DC isolators under this declaration already have full compliance according to the statement from ERAC and EESS SCO. The relevant products' compliance is valid to 30th June 2022.

At the same time, the following household products* have been approved by Clean Energy Council, which means customers can claim STC rebates using these relevant inverters after 18th Dec 2021.

- PV Inverter

SG2K-S (Without Integrated DC Isolators)
SG2K5-S (Without Integrated DC Isolators)
SG3K-S (Without Integrated DC Isolators)
SG3K-D (Without Integrated DC Isolators)
SG5K-D (Without Integrated DC Isolators)
SG8K-D (Without Integrated DC Isolators)

SG2K-S (With Integrated DC Isolators)
SG2K5-S (With Integrated DC Isolators)
SG3K-S (With Integrated DC Isolators)
SG3K-D (With Integrated DC Isolators)
SG5K-D (With Integrated DC Isolators)
SG8K-D (With Integrated DC Isolators)



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SG5.0RT
SG7.0RT
SG8.0RT
SG10RT
SG15RT
SG20RT

- **Hybrid Inverter**

SH5.0RS
SH6.0RS
SH5.0RT
SH10RT

Next Actions

1, Sungrow is in full-load working on the built-in DC isolator certification, we anticipate we can acquire the DC isolator's certification in Q1 2022. Then, Sungrow will inform EESS/ERAC and CEC to extend the inverter's approval to the certificate expiration day.

2, SH5K-30 will be approved by CEC at the end of Dec 2021.

Sungrow Australia Group Pty Ltd

Joe Zhou
Country Manager



*The model shows here is the model number on product nameplate

