

## SH5.0/10RT Inverter Backup Capacity

### **Disclaimer**

*The material in this document has been prepared by Sungrow Power Supply Co. Ltd. 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.*

Sungrow hereby confirms when connect load to the backup circuit of the SH5.0/10RT inverter, the load could not exceed the following under **off-grid mode**:

**SH5.0RT: 1.67kW per phase**

**SH10RT: 3.33kW per phase**

*If the load exceeds the limit under off-grid mode, the inverter will stop and report a backup overload fault.*

When the SH5.0/10RT is connected to the grid under normal operation, the load on backup circuit is limited to:

Load < 18.5A per phase: inverter will operate continuously.

18.5 < Load < 30A per phase: inverter could run for **5 minutes and stop**.

Load > 30A per phase: inverter **stops within 2 second**.

Sungrow highly recommend not to exceed the limits while connecting the load to the backup circuit. Otherwise, the inverter may stop or enter fault mode due to overload.

If you have any question regarding the backup capacity of the hybrid inverter, please contact           Sungrow           Service           department           at

<https://www.sungrowpowerservice.com/Page/Contact/contact-us-global>