

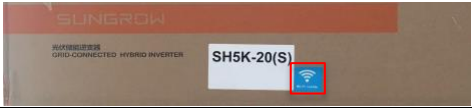



Sungrow Technical Notice

NextGen SH5K-20 Release and Comparison

To meet the growing demand for the residential solar market and provide better solar inverter solutions, Sungrow released its next generation SH5K-20 hybrid inverters. The new features of SH5K-20 inverters include new look, easy installation (e.g. battery auto-identification and new spring-clip connectors) and optimised energy management system. We also offer Sungrow three phase energy meters for net metering application.

To distinguish the NextGen SH5K-20 inverter from the current SH5K+ inverter, please refer to Table 1.

Table 1 How to distinguish SH5K-20 and SH5K+ inverters

Inverters	SH5K-20	SH5K+
Package	- Attached "SH5K-20" label 	- Attached "SH5K+" label 
Appearance	- Silver casing - Built-in LCD 	- Silver casing - Built-in LCD 
Monitoring	Only compatible with Wi-Fi V24 modules Note: WiFi will be included in the inverter box if the blue Wi-Fi sticker displays	Compatible with Wi-Fi V22 and Wi-Fi V24 modules
Export Limit	Yes , compatible with both 1-phase energy meters (S100) or 3-phase energy meters (T65)	Only compatible with 1-phase energy meters (S100)
Emergency Power Supply	✓ STB5K-20 or STB5K (still 3 kW with battery only)	✓ STB5K
Battery Compatibility *	Sungrow SBP4K8, LG Chem RESU (LV), BYD (LV) Pylon, GCL and Lead acid batteries	Sungrow SBP4K8, LG Chem RESU (LV), BYD (LV) Pylon, GCL and Lead acid batteries

Retrofitting the existing PV system?	✓	✓
Forced charge from the grid?	✓	✓
Nominal AC output power in Australia	4.99 kW	4.99 kW

*Check with Sungrow team for battery compatibility

Please contact Sungrow service team on 1800 SUNGROW (786 476) or email us via service@sungrowpower.com.au if you have any enquiries about NextGen SH5K-20 hybrid inverters.

Thank you for your continued support.

Sungrow Australia Group

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