





## Sungrow Technical Notice

### NextGen Crystal Inverters Release and Comparison

To meet the growing demand for the residential solar market and provide better solar inverter solutions, Sungrow released its next generation residential grid connected inverters (SG2K-S, SG2K5-S, SG3K-S, SG3K-D and SG5K-D and SG8K-D). These inverters have built-in LCD with WiFi modules supplied. We also offer Sungrow energy meters for export limits as optional.

To distinguish the NextGen Crystal inverters from the current Crystal inverters, please refer to Table 1.




Table 1 How to distinguish NextGen Crystal inverters

Inverters	NextGen Crystal Inverters (SG2K-S, SG2K5-S, SG3K-S, SG3K-D and SG5K-D)	Current Crystal Inverters (SG2KTL-S, SG3KTL-S, SG3KTL-D and SG5KTL-D)
Package (e.g. 5kW inverter)	- Inverter models <b>without TL</b> 	- Inverter models <b>with TL</b> 
Appearance	- Sliver casing - Built-in LCD 	- Gold casing - External LCD 
Monitoring*	<b>Only</b> compatible with Wi-Fi V24 modules (supplied)	Compatible with Wi-Fi V21, Wi-Fi V22, Wi-Fi V24 modules and eShow (built-in Wi-Fi)
Export Limit	<b>Yes</b> , compatible only with 1-phase energy meters (S100)	<b>No</b> , cannot be used with 1-phase energy meters (S100) or 3-phase energy meters (T65)

\* Refer to Table 2

SolarInfo Wi-Fi Modules Compatibility between NextGen Crystal inverters and current Crystal inverters are listed in Table 2.

Table 2 SolarInfo Wi-Fi Modules Compatibility

		Wi-Fi V21	Wi-Fi V22	eShow (built-in WiFi)	Wi-Fi V24
					
					
<b>NextGen Crystal Inverters</b>	SG2K-S	X	X	X	✓
	SG2K5-S	X	X	X	✓
	SG3K-S	X	X	X	✓
	SG3K-D	X	X	X	✓
	SG5K-D	X	X	X	✓
<b>Current Crystal Inverters</b>	SG2KTL-S	✓	✓	✓	✓
	SG3KTL-S	✓	✓	✓	✓
	SG3KTL-D	✓	✓	✓	✓
	SG5KTL-D	✓	✓	✓	✓

Please contact Sungrow service team on 1800 SUNGROW (786 476) or email us via [service@sungrowpower.com.au](mailto:service@sungrowpower.com.au) if you have any enquiries about NextGen Crystal inverters.

Thank you for your continued support.

Sungrow Australia Group

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