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Model SG2K5TL



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Parameter	Value
Isolation type	No transformer
Recommended maximum power of PV array	2800WP
Maximum array open-circuit voltage	450Vdc
Maximum power point (MPPT) scope of PV	150~380Vdc
Type of connection type between inverter & PV array	Water-proof direct-plug terminals
Max. nr. of parallel PV array strings	2
Maximum array input current	20A
Rated AC output power	2.500W
Current THD	<3% (at nominal power)
Power factor	>0.99 (at nominal power)
Maximum efficiency	95%
European efficiency	93%
Nominal grid voltage	180~260VAC
Nominal grid frequency	50 & 60 Hz
Power consumption idle mode (f.e. during the night)	<0.5W
Communication interface	RS-485, optional ethernet/GPRS
Protection class	IP41
Operating temperature	-20°C ~ +40°C
Noise	<40dB
Cooling	Natural cooling
Size (W x H x D)	288 x 410 x 126 mm
Weight	11.3 kg