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Model SG4KTL



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Parameter	Value
Isolation type	No transformer
Recommended maximum power of PV array	4400WP
Maximum array open-circuit voltage	520Vdc
Maximum power point (MPPT) scope of PV	150~450Vdc
Type of connection type between inverter & PV array	Water-proof direct-plug terminals
Max. nr. of parallel PV array strings	3
Maximum array input current	17A
Rated AC output power	4.000W
Current THD	<3% (at nominal power)
Power factor	>0.99 (at nominal power)
Maximum efficiency	97.3%
European efficiency	96.5%
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/USB, optional ethernet/GPRS/Bluetooth
Protection class	IP41
Operating temperature	-20°C ~ +40°C
Noise	<40dB
Cooling	Natural cooling
Size (W x H x D)	400 x 600 x 210 mm
Weight	25 kg