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Model SG500K3



Model SG500K3	
Parameter	Value
Isolation type	Transformer
Recommended maximum power of PV array	550kWp
Maximum array open-circuit voltage	880Vdc
Maximum power point (MPPT) scope of PV	450~820Vdc
Maximum nr. of strings	16
Maximum array input current	1200A
Rated AC output power	500kW
Current THD	<3% (at nominal power)
Power factor	>0.99 (at nominal power)
Maximum efficiency	96.7%
European efficiency	95.6%
Nominal grid voltage	400Vac
Nominal grid frequency	50 & 60 Hz
Power consumption idle mode (f.e. during the night)	<50W
Communication interface	RS-485, optional Ethernet/GPRS
Protection class	IP20 (indoor)
Operating temperature	-20°C ~ +40°C
Noise	<50dB
Cooling	Controlled forced-air cooling
Size (W x H x D)	1.800 x 2180 x 1200 mm
Weight	3300 kg