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Model SG10K3



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Parameter	Value
Isolation type	Transformer
Recommended maximum power of PV array	11kWp
Maximum array open-circuit voltage	450Vdc
Maximum power point (MPPT) scope of PV	220~380Vdc
Type of connection type between inverter & PV array	Connection terminal
Maximum array input current	50A
Rated AC output power	10KW
Current THD	<3% (at nominal power)
Power factor	>0.99 (at nominal power)
Maximum efficiency	94.5%
European efficiency	93.5%
Nominal grid voltage	320~450VAC
Nominal grid frequency	50 & 60 Hz
Power consumption idle mode (f.e. during the night)	<10W
Communication interface	RS-485, optional Ethernet/GPRS
Protection class	IP20 (indoor)
Operating temperature	-20°C ~ +40°C
Noise	<45dB
Cooling	Controlled forced air cooling
Size (W x H x D)	530 x 900 x 460 mm
Weight	150 kg