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## Model SG50K3



<b>Model SG50K3</b>	
<b>Parameter</b>	<b>Value</b>
Isolation type	Transformer
Recommended maximum power of PV array	55kWp
Maximum array open-circuit voltage	880Vdc
Maximum power point (MPPT) scope of PV	450~820Vdc
Maximum nr. of strings	2
Maximum array input current	130A
Rated AC output power	50KW
Current THD	<3% (at nominal power)
Power factor	>0.99 (at nominal power)
Maximum efficiency	95%
European efficiency	94%
Nominal grid voltage	330~450VAC
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)	820 x 1.946 x 646 mm
Weight	700 kg