

KSG-SM Series Technical Specifications

Model	KSG-1.5K-SM	KSG-2K-SM	KSG-3K-SM	KSG-3.6K-SM
Input (DC)				
Max. DC power	1800W	2500W	3300W	4000W
Max. DC voltage	500Vdc			
MPPT voltage range	150~450Vdc			
Normal DC voltage	360Vdc			
Min. / start DC voltage	120 / 150Vdc			
Number of MPP trackers	1			
Strings per MPP tracker	1		2	
Max. DC power per MPP tracker	1800W	2400W	3300W	4000W
Max. input current per MPP tracker	11A		20A	
Output (AC)				
Normal AC output Power	1500W	2000W	3000W	3600W
Max. AC output Power	1650W	2200W	3100W	3700W
Normal AC voltage	230Vac			
AC voltage range	230Vac±20%			
Normal AC grid frequency	50 / 60Hz			
AC grid frequency range	±5Hz			
Rated. output current	6.8A	9.1A	13.7A	16.4A
Max. output current	9A	11A	15A	18A
Phase shift (cos φ)	1			
THDI	<3%			
AC connection	LN+PE			
Topology	Transformerless			
Efficiency				
Max. efficiency	96.00%		97.50%	
Euro-eta	95.00%		96.50%	
MPPT efficiency	99.90%			
Consumption: standby / night	<5W / <0W			
Protection devices				
PV input insulation protection	yes			
AC short-circuit protection	Yes			
Ground fault monitoring	Yes			
Mechanism Data				
Dimensions (W / L / D) in mm	316 / 475 / 155			
Weight	12Kg		13Kg	
Environment Data				
Operating temperature range	-20°C~ +60°C			
Noise emission (typical)	≤ 25dB			
Cooling concept	Convection			
Protection rating	IP65			
Features				
LCD display	yes			
Interfaces	RS485/WIFI			

Specifications subject to change without prior notice.