

Technical Specifications:

	SG 3KTL	SG 4KTL
DC SIDE DATA		
Max. DC Voltage	550Vdc	
MPP Voltage Range	150~450Vdc	
Max. DC Power	3300Wp	4400Wp
Max. Input Current	18A	20A
Recommend PV Array Open Circuit Voltage	400V	
Number of MPP Trackers/Strings Per MPP Tracker	1/3	
AC SIDE DATA		
Rated Output Power	3000W	4000W
Rated Grid Voltage	230Vac	
Grid Voltage Range	180~260Vac	
Rated Grid Frequency	50Hz/60Hz	
Grid Frequency Range	47~51.5Hz/57~61.5Hz	
Output Current THD	<3% (at nominal power)	
DC Current Injection	<0.5% of rated inverter output current	
Power Factor	≥0.99 (at nominal power)	
SYSTEM		
Max. Efficiency	97.3%	97.3%
Euro. Efficiency	96.2%	96.5%
Protection Degree	IP54 (outdoor)	
Power Consumption at Night	0W	
Operating Temperature	-25~+60°C	
Cooling Method	controlled forced-air cooling	
Relative Humidity	0~95%, non-condensing	
Max. Working Altitude	2000m	
DISPLAY AND COMMUNICATIONS		
Display	LCD	
Standard Comm. Interfaces	RS485	
Optional Comm. Interfaces	Ethernet/GPRS/blue tooth	
MECHANICAL DATA		
Dimensions (WxHxD)	415x530x176mm	415x530x176mm
Net Weight	26kg	26kg

Certificates:



Circuit Diagram:

