

## Technical Specifications:

SG 5KTL	
<b>DC SIDE DATA</b>	
Max. DC Voltage	550Vdc
MPP Voltage Range	150~450Vdc
Max. DC Power	5500Wp
Max. Input Current	20A
Recommend PV Array Open Circuit Voltage	400V
Number of MPP Trackers/Strings Per MPP Tracker	1/3
<b>AC SIDE DATA</b>	
Rated Output Power	5000W
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 )
<b>SYSTEM</b>	
Max. Efficiency	97.3%
Euro. Efficiency	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
<b>DISPLAY AND COMMUNICATIONS</b>	
Display	LCD
Standard Comm. Interfaces	RS485
Optional Comm. Interfaces	Ethernet/GPRS/blue tooth
<b>MECHANICAL DATA</b>	
Dimensions ( WxHxD )	415x530x176mm
Net Weight	26kg

## Certificates:



## Circuit Diagram:

