

## Technical Specifications:

		SG 250KC
<b>DC SIDE DATA</b>		
Max. DC Voltage		600Vdc
MPP Voltage Range		300~600Vdc
Max. DC Power		260kWp
Max. Input Current		800A
Recommend PV Array Open Circuit Voltage		450V
<b>AC SIDE DATA</b>		
Rated Output Power		250kW
Rated Grid Voltage		600Vac
Grid Voltage Range		540~660Vac
Rated Grid Frequency		60Hz
Grid Frequency Range		59.3~60.5Hz
Output Current THD		<5%
DC Current Injection		<0.5% of rated inverter output current
Power Factor		0.95 ( lagging ) ~0.95 ( leading )
<b>SYSTEM</b>		
CEC Weighted Efficiency		96.7% ( with transformer )
Protection Degree	IP20 ( indoor )	TYPE 1
Power Consumption at Night		<100W
Operating Temperature	-25°C~55°C	-13~+131°F
Cooling Method		controlled forced-air cooling
Relative Humidity		0~95%, non-condensing
Max. Working Altitude		2000m
<b>DISPLAY AND COMMUNICATIONS</b>		
Display		touch screen LCD
Standard Comm. Interfaces		RS485
Optional Comm. Interfaces		Ethernet/GPRS
<b>MECHANICAL DATA</b>		
Dimensions ( WxHxD )	2400x2180x850mm	95x86x34 inch
Net Weight	1700kg	3748 lbs

## Certificates:



## Circuit Diagram:

