



## Single Phase Solar GTI

2.3 kW/3 kW/3.4 kW/3.6 kW/4 kW/4.4 kW



Power-Export limitation function



LCD Display



Wi-fi/GPRS/Lan Communication Optional



IP66 design & quick & easy to install

## SOLAR GRID TIED INVERTER

### Technology Data

Model No.	SUN2300G5	SUN3000G5	SUN3400G5	SUN3600G5	SUN4000G5	SUN4400G5
<b>Input Data (DC)</b>						
Max DC power (W)	2875	3750	4250	4500	5000	5500
Max Allowable DC voltage (Vdc)/ Max DC voltage (Vdc)	275/550	320/550	320/550	320/550	385/550	450/550
Min System start/Shut down voltage (Vdc)	50/100	75/100	50/100	50/100	50/100	50/100
Max. input current (A)	18					
Number of MPP trackers/Total Nos. of Strings	1/1					
Input Terminal type	MC4					
<b>Output Data (AC)</b>						
Rated Output Power (W)	2300	3000	3400	3600	4000	4400
Maximum Output Power (VA)	2300	3000	3400	3600	4000	4400
Nominal Output Voltage/Range (V)	L/N/PE 240/180-310Vac					
AC Grid Frequency/Range (Hz)	50Hz/45Hz-55Hz					
Maximum Output Current (A)	9.5	12.5	14.2	16	16.8	18.3
AC Connection (With PE)	Single Phase					
Current Distortion (THDI)	<1.5%					
Power Factor	>0.99 (Adjustable from 0.8 leading to 0.8 lagging)					
<b>Efficiency</b>						
Maximum Conversion Efficiency	97.3%	97.3%	97.4%	97.5%	97.8%	97.8%
European Efficiency	97%	97.1%	97.2%	97.2%	97.3%	97.3%
MPPT Efficiency	99.9%					
<b>Safety</b>						
DC Reverse-Polarity Protection	Yes					
Anti-Islanding/Overvoltage Protection	Yes					
Short Circuit Protection	Yes					
Leakage Current Protection	Yes					
Grid Monitoring/Ground Fault Monitoring	Yes					
DC/AC Side SPD (Thermally Protected)	Yes					
<b>General Data</b>						
Dimension (L/W/H) (Mm)	340/270/127					
Weight (Kg)	7 kg					
Embedded DC Switch	Optional					
Night Power Consumption (W)	<0.2					
Isolation Type	Transformerless					
Protection Degree	IP66 according to IEC60529					
Operation Temperature (°C)	-25~+60 C					
Cooling Concept	Natural Convection Fan Cooling (12000 RPM)					
Operating Altitude (M)	<2000m without power derating					
Acoustic Noise Level (DB)	35 db					
Display	Graphic LCD					
Communication Interface	Standard WIFI, RS485 (optional)					
Warranty	10 Years 25 years for optional					