



Single Phase Solar GTI

1.0kW/2.2kW/3.0kW/3.3kW/3.6kW/4.0kW/4.2kW/5.0kW

Performance & Efficiency



- Up to 99% MPPT Efficiency
- >97% Max Efficiency
- Low Start-up Voltage

Cooling & Durability



- Natural Cooling
- IP65 Ingress Protection
- Anti-Corrosion

Protection & Safety



- Anti Islanding and Surge Protection
- Compliant to Safety Standards (EN, IEC)
- Comply with International Quality Standards

Monitoring & Convenience



- Remote Monitoring
- PV String Current Monitoring
- Easy Installation



8 Years Warranty

*T&C Apply

RAPSTECH®

MODEL NO	SU 911-1K	SU 911-2.2K	SU 911-3K	SU 911-3.3K	SU 911-3.6K	SU 911-4K	SU 911-4.2K	SU 911-5K
Rating	1kW	2.2kW	3kW	3.3kW	3.6kW	4kW	4.2kW	5kW
Input (DC)								
Recommended Max.PV Input	1500W	3300W	4500W	4500W	4500W	6000W	6300W	7500W
Max.PV Input Voltage	540V							
Start-up Input Voltage	60V							
MPPT Voltage Range	70 - 500V							
Rated PV Input Voltage	330V							
No. of Independent MPPT Inputs	1					2		
Default No. of PV Strings Per	1					1		
Max.MPPT Input Current	18A					18 + 18A		
Max.Short-Circuit Current for	20A					20 + 20A		
Output (AC)								
Rated AC Output Power	1000W	2200W	3000W	3300W	3600W	4000W	4200W	5000W
Apperent Output Power	1000VA	2200VA	3000VA	3300VA	3600VA	4000VA	4200VA	5000VA
Max. Ouput Current	5A	11A	15A	16.5A	18A	20A	21A	25A
Nominal AC Output Voltage	220 V / 230 V							
AC Voltage Range	180 V - 270 V							
Grid Frequency / Range	50Hz / 45-55 Hz							
Harmonic (THD)	< 3 % (at rated power)							
Power Factor	~ 1 / (Adjustable 0.8 leading - 0.8 lagging)							
Efficiency								
Max.Efficiency	97.3%	97.5%	97.8%			97.5%		
MPPT Efficiency	99.9%							
Protection								
DC/PV Reverse Polarity Protection	YES							
Anti-Islanding Protection	YES							
AC Short Circuit Protection	YES							
AC Ouput Over Current Protection	YES							
AC Output Over Voltage Protection	YES							
Temperature / Thermal Protection	YES							
Insulation Monitoring	YES							
ReSidual Current Monitoring	YES							
Surge Protection	DC Type II, AC Type III							
Interface								
Communication	Standard - RS485, WIFI and Optoinal - GPRS/Bluetppth/4G							
Display	LCD, App, Website							
General Data								
Dimension (W * H * D)	400mm*380mm*260mm					440mm*410mm*280mm		
Weight	4.5Kg		5.8Kg			7.2Kg		
Mounting Method	Wall- Mounting Bracket							
Topology	Transformerless							
Degree of Protection	IP65 According to IEC60529							
Operating Ambient Temperature	-25°C - 60 °C							
Allowable Relative Humidity Range	0 - 95 % (Non-Condensing)							
Cooling Method	Natural Cooling							
Max.Operating Altitude	<2000m Without Power Derating							
DC Connection Type	Mc4 Compatible Connector							
AC Connection Type	Plug and Play Connector							
Night Power Consumption (w)	< 0.2							
Acoustic Noise Level (dB)	< 30 dB							

*Product specifications are subject to change without further notice