



SINGLE PHASE

APS GTI 1.0



SINGLE MPPT

- 1.1 KW
- 2.2 KW
- 3.3 KW

DUAL MPPT

- 4.2 KW
- 5.3 KW
- 6.0 KW



WIDE RANGE OF AC VOLTAGE & FREQUENCY TO ADAPT TO THE ADVERSE GRID SITUATION IN INDIA



MUCH LOWER AC CURRENT THD: 1.5%



MUCH ACCURATE AC POWER



ULTRA HIGH PERFORMANCE DYNAMIC MPPT EFFICIENCY

CALL NOW FOR MORE DETAILS
1800-313-5052

sales@australianpremiumsolar.co.in

www.australianpremiumsolar.co.in

MODEL	1.1 kW	2.2 kW	3.3 kW	4.2kW	5.3kW	6kW
Energy source	GRID-CONNECTED PV					

INPUT (DC)						
Max.DC Power(kW)	1.2	2.4	3.6	5.46	6.5	6.6
Max.DC Input Voltage(V)	500					
Start-up DC Input Voltage(V)	80					
MPPT Operating Range(V)	70-500V					
Max. DC Input Current(A)	12.5A		12.5A + 12.5A			
Number of MPP/Number of Strings	1/1		2/1			

OUTPUT (AC)						
Rated Output Power (kW)	1.1	2.2	3.3	4.2	5.3	6
Max. Active Power (kW)	1.2	2.4	3.6	4.6	5.5	6.6
Rated AC Grid Voltage(V)	230V					
AC Grid Voltage Range (V)	180-270					
Rated Grid Frequency (Hz)	50/60 (Optional)					
Operating Phase	Single Phase					
Rated AC Grid output Current (A)	4.3	8.7	13.1	16	23	26
Max.AC Output Current(A)	4.7	9.6	14	18.2	23.9	28.7
Output Power Factor	0.8 leading to 0.8 lagging					
Grid Current (THD)	<2%					
DC Injection Current(A)	<0.5%					
Grid Frequency Range	47-52 OR 57-62 (Optional)					

EFFICIENCY						
Max. EFFICIENCY	97.3%	99.3%	97.5%	97.3%	97.5%	97.5%
Euro EFFICIENCY	97.1%	97.1%	97.3%	97.1%	97.3%	97.3%
MPPT EFFICIENCY	>99%					

PROTECTION	
DC Reverse-Polarity Protection	Yes
AC Short Circuit Protection	Yes
AC Output Over current Protection	Yes
Insulation Resistance Protection	Yes
Ground Fault Monitoring	Yes
Surge Protection	Yes
Anti-islanding	Yes
Temperature Protection	Yes
Integrated DC Switch	Optional

GENERAL DATA		
Size(mm)	330W*347.5H*127D	330W*347.5H*179D
Weight(kg)	7	12.5
Topology	Transformerless	
Internal Consumption	<2W (Night)	
Running Temperature	-25° c to 65° c	
Ingress Protection	IP65	
Noise Emission (Typical)	<25dB	
Cooling Concept	Natural Cooling	
Max. Operating Altitude Without Derating	2000m	
Designed Lifetime	>20 Years	
Grid Connection Standard	EN504.8,IEC61727,VDE4105,NB/T32004(CQC),IEC62109-1-2	
Operating Surrounding Humidity	0-100%	
Safety EMC/ Standard	IEC 61727,62116,60068,61683,IEC / EN62109 – 1/2, EN50549, IEC61000 – 6 - 1,61000-6-3	

FEATURES	
DC Connection	MC-4 mateable
AC Connection	IP65 rated plug
Display	LCD1602
Interface	RS485/RS232/WiFi / GPRS

Australian Premium Solar (India) Pvt. Ltd.

Factory : Near Tajpur GEB Substation, Tajpur, National Highway 8, Prantij, Gujarat 383205

Corporate / Sales Office : 4th Floor, 14 Magnet Corporate Park, Sarkhej - Gandhinagar Hwy, behind Intas Corporate House, Thaltej, Ahmedabad, Gujarat 380054