

THREE
PHASE



APS GTI 2.0 80 KW TO 136 KW

- WIDE RANGE OF AC VOLTAGE & FREQUENCY TO ADAPT TO THE ADVERSE GRID SITUATION IN INDIA
- ULTRA HIGH PERFORMANCE DYNAMIC MPPT EFFICIENCY
- MUCH LOWER AC CURRENT THD : 1.5%
- MUCH ACCURATE AC POWER

Australian Premium Solar (India) Ltd.

- **Corporate / Sales Office** : 301, 3rd floor, Satyamev Eminence, Nr. Shukan Mall, Science City Road, Ahmedabad, Gujarat-380060
- **Factory** : Near Tajpur GEB Substation, Tajpur, National Highway 8, Prantij, Gujarat-383205



R-72001791

MODEL	80 KW	100 KW	110 KW	125 KW	136 KW
Energy Source	GRID-CONNECTED PV				
INPUT (DC)					
Max. Input Voltage [V]	1100				
Start-up Input Voltage [V]	250				
Rated Input Voltage [V]	600				
MPPT Operating Range [V] (Full Load)	550 ~ 850				
MPPT Operating Voltage Range [Vdc]	200 ~ 1000				
No. of Independent MPP Trackers	9/2		10/2		
Max. Input Current [A]	40				
Max. Short-circuit Current [A]	50				
OUTPUT(AC)					
Rated Output Power [kW]	80	100	110	125	136
Max. Output Apparent Power [kVA]	88	110	121	137.5	138
Max. Output Current [A]	133.3	166.7	183.3	199.3	200
Rated Grid Voltage [Vac]	400, 3W+N+PE				
Grid Voltage Range [Vac]	320 ~ 480				
Grid Frequency Range [HZ]	45 ~ 55 / 55 ~ 65				
Adjustable Power Factor	0.8 Leading ~ 0.8 Lagging				
Total Harmonic Distortion [%]	<3				
EFFICIENCY					
Euro-Efficiency [%]	98.6				
Max. Efficiency [%]	98.2				
PROTECTION					
DC Switch	YES				
DC Reverse Polarity Protection	YES				
AC Short-circuit Protection	YES				
AC Overcurrent Protection	YES				
Insulation Monitoring	YES				
Residual Current Monitoring	YES				
PV String Current Monitoring	Optional				
Surge Protection	DC Type II / AC Type II				
PID Recovery	YES				
AFCI	Optional				
GENERAL DATA					
Dimensions (W*H*D) [mm]	975*630*360				
Weight [kg]	90				
Cooling Method	Smart Air Cooling				
Max. Operating Altitude [m]	4000 (>3000m Derating)				
Operating Temperature Range [°C]	-30 ~ 60				
Relative Humidity Range [%]	0 ~ 100 (Non-Condensing)				
Night Power Consumption [W]	3.5				
Ingress Protection	IP66				
Isolation Method	Non-isolated				
Display	LED, Wi-Fi+APP				
Communication	RS485 / USB / Wi-Fi+LAN / 4G (Bluetooth)				
DC Connection Type	MC4 Similar				
AC Connection Type	OT Terminal				
STANDARD					
	IEC 62109, IEC 61727, IEC 62116, IEC 60068, IEC 61683, IEC 61000-6-3, EN 50549				