

THREE PHASE



APS GTI 2.0 33 KW TO 75 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	33 KW	36 KW	40 KW	50 KW	60 KW	75 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 Voltage Range [V]	200 ~ 1000					
MPPT Voltage Range [V] (Full load)	550 ~ 800					
Max. Input Current per MPPT [A]	40					
Max. Short-circuit Current [A]	50					
No. of Independent MPP Trackers	3	4	4	4	6	6
No. of Strings per MPP Tracker	2					
OUTPUT(AC)						
Nominal Output Power [kW]	33	36	40	50	60	75
Nominal Output Apparent Power [kVA]	33	36	40	50	60	75
Max. AC Active Power [kW]	36.3	39.6	44	55	66	75
Max. AC Apparent Power [kVA]	36.3	39.6	44	55	66	75
Nominal Output Voltage [V]	380/400, 3W+N+PE					
Nominal AC Grid Frequency [Hz]	50/60					
AC Grid Frequency Range [Hz]	45 ~ 55 / 55 ~ 65					
Max. Output Current [A]	55.2	60.2	66.9	83.6	100.3	114
Output Power Factor	0.8 leading to 0.8 lagging					
Total Harmonic Distortion [%]	<3 at Nominal Output Power					
EFFICIENCY						
Euro-Efficiency [%]	98.4					
Max. Efficiency [%]	98.7					
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	YES					
Surge Protection	DC Type II / AC Type II					
PID Recovery	YES					
AFCI	Optional					
Grid monitoring	YES					
Night SVG	YES					
Anti-Corrosion	C5					
GENERAL DATA						
Dimensions (W*H*D) [mm]	640*430*243					
Weight [kg]	41	42	42	50	50	50
Cooling Method	Smart air cooling / FAN					
Max. Operating Altitude [m]	4000					
Operating Temperature Range [°C]	-30 ~ 60					
Humidity [%]	0 ~ 100 (No Condensation)					
Ingress Protection	IP66					
Pollution Degree	PD 2 (inside), PD 3 (outside)					
Protective class	Class I					
Over Voltage Category	II (DC), III (AC)					
Communication	RS485/USB/Wi-Fi/LAN/4G					
Display	LED, Wi-Fi+APP					