



AUSTRALIAN PREMIUM SOLAR
A Bright Alternative



**ON GRID
 INVERTER**



THREE PHASE 60KW TO 80KW

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**

Email : sales@australianpremiumsolar.co.in
 Website : www.australianpremiumsolar.co.in

TOLL FREE NUMBER
1800-313-5052

MODEL	APSG-3-60K-IN	APSG-3-70K-IN	APSG-3-75K-IN	APSG-3-80K-IN
Energy source	GRID-CONNECTED PV			
INPUT (DC)				
Max.DC Power(kW)	66	77	82.5	88
Max.DC Input Voltage(V)	1000	1100	1100	1100
Start-up DC Input Voltage(V)	250			
MPPT Operating Range(V)	200-850V			
Max.DC Input Current(A)	30+30+30+30			
Number of MPP/Number of Strings	4/3			
OUTPUT (AC)				
Rated Output Power(kW)	60	70	75	80
Max. Active Power(kW)	66	77	82.5	88
Rated AC Grid Voltage(V)	380 - 400			
AC Grid Voltage Range(V)	277-460			
Rated Grid Frequency(Hz)	50/60 (Optional)			
Operating Phase	Three phase			
Rated AC Grid Output Current(A)	87	101.5	108.7	115.9
Max.AC Output Current(A)	95.7	111.6	119.6	127.5
Output Power Factor	>0.99			
Grid Current (THD)	<3%			
DC Injection Current(A)	<0.5%			
Grid Frequency Range	47-52 or 57-62 (Optional)			
EFFICIENCY				
Max. Efficiency	98.9%			
Euro Efficiency	98.3%			
MPPT Efficiency	>99%			
PROTECTION				
DC Reverse-Polarity Protection	Yes			
AC Short Circuit Protection	Yes			
AC Output Overcurrent Protection	Yes			
Output Overvoltage Protection	Yes			
Insulation Resistance Protection	Yes			
Ground Fault Monitoring	Yes			
Surge Protection	Yes			
Anti-islanding	Yes			
Temperature Protection	Yes			
Integrated DC Switch	Optional			
DC/AC Side Varistor (Thermally Protected)	Yes			
GENERAL DATA				
Size(mm)	700W*684H*307D			
Weight(kg)	60			
Topology	Transformerless			
Internal Consumption	<1W (Night)			
Running Temperature	-25 ^o c to 60 ^o c			
Ingress Protection	IP65			
Noise Emission (Typical)	<30 dB			
Cooling Concept	Intelligent cooling			
Max. Operating Altitude Without Derating	2000 m			
Designed Lifetime	>20 years			
Grid Connection Standard	EN50438, IEC61727, VDE4105, NB/T32004(CQC), IEC62109-1-2			
Operating Surroundings Humidity	0-100%			
Staffy EMC /Standard	IEC62109-1/-2, AS3100, EN61000-6-1			
FEATURES				
DC Connection	MC-4 mateable			
AC Connection	IP67 rated plug			
Display	3.5 TFT			
Interface	RS485/RS232			

Australian Premium Solar (India) Pvt. Ltd.

Factory : Near GEB Sub-station, NH-08, Tajpur, Ta: Prantij, Dis: Sabarkantha, Gujarat, India

Corporate / Sales Office : B-802, 8th Floor, Shapath Hexa, Nr. Sola Bridge, Opp. Gujarat High Court, S. G. Highway, Ahmedabad-380061. Gujarat (India).