



VERIFICATION OF COMPLIANCE

No.: **GZES1903012727PV**

Applicant: Australian Premium Solar(India)Pvt.Ltd.
Near GEB Substation, NH 08, TAJPUR, TA:PRANTIJ,
DIS : SABARKANTHA,GUJARAT, INDIA

Manufacturer: Australian Premium Solar(India)Pvt.Ltd.
Near GEB Substation, NH 08, TAJPUR, TA:PRANTIJ,
DIS : SABARKANTHA,GUJARAT, INDIA.

Product Name: Three phase Utility interactive inverter

Product Description: Inverter used in PV system

Model No.: APSG-3-50K-IN, APSG-3-40K-IN, APSG-3-35K-IN,
APSG-3-33K-IN, APSG-3-25K-IN

Trade Mark: 
AUSTRALIAN PREMIUM SOLAR

Rating: Refer to page 2

Intended Use: PV System

Protection against Electric Shock: Class I

Additional Information (if any): IP 65
Firmware version: Display software version: Ver 150
Control software version: Ver 1702

Sufficient samples of the product have been tested and found to be in conformity with

Test Standard: IEC/EN 62109-1:2010
IEC/EN 62109-2:2011

as shown in the

Test Report Number(s): **GZES190301272701, GZES190301272702**

This Verification of Compliance has been granted to the applicant based on the results of tests, performed by Laboratory of SGS-CSTC Standards Technical Services Co., Ltd. on sample of the above-mentioned product in accordance with the provisions of the relevant specific standards.




Roger Hu
Technical Manager
SGS-CSTC

2019-03-05



Member of SGS Group (Société Générale de Surveillance)

No.:

GZES1903012727PV

Other information added:

Rating:

Model Number	APSG-3-25K-IN	APSG-3-33K-IN	APSG-3-35K-IN	APSG-3-40K-IN	APSG-3-50K-IN
Max. input power	27.5kW	36.3kW	38.5kW	44kW	55kw
Max. input voltage	1000Vd.c.				
Max. input current	28.5Ad.c. ×2	28.5Ad.c. ×2	28.5Ad.c. ×3	28.5Ad.c. ×3	28.5Ad.c. ×4
MPPT voltage range	200-1000Vd.c.				
Full load MPPT voltage range	460-850V.d.c				
Rated grid voltage	3P/N/PE 230/400Vac				
Rated grid frequency	50Hz/60Hz				
Rated output power	25kW	33kW	35kW	40kW	50kw
Rated output current	36.2Aa.c ×3	47.8Aa.c ×3	50.7Aa.c ×3	58Aa.c ×3	72.4Aa.c ×3
Power factor	0.8 leading to 0.8 lagging				
Ambient temperature	-25°C~60°C				
Ingress protection	IP65				
Protective class	Class I				



Roger Hu
Technical Manager
SGS-CSTC

2019-03-05

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APSG-3-33K-IN, APSG-3-25K-IN

Trade Mark: 
AUSTRALIAN PREMIUM SOLAR

Rating: Refer to page 2

Intended Use: PV System

Protection against Electric Shock: Class I

Additional Information (if any): IP 65

Firmware version: Display software version: Ver 150
Control software version: Ver 1702

Sufficient samples of the product have been tested and found to be in conformity with

Test Standard: Refer to page 2

as shown in the

Test Report Number(s): **GZES190301272801, GZES190301272802
GZES190301272803, GZES190301272804**

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No.:

GZES1903012728PV

Other information added:

Rating:

Model Number	APSG-3-25 K-IN	APSG-3-33 K-IN	APSG-3-35 K-IN	APSG-3-40 K-IN	APSG-3-50 K-IN
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Max. input voltage	1000Vd.c.				
Max. input current	28.5Ad.c. ×2	28.5Ad.c. ×2	28.5Ad.c. ×3	28.5Ad.c. ×3	28.5Ad.c. ×4
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Full load MPPT voltage range	460-850V.d.c				
Rated grid voltage	3P/N/PE 230/400Vac				
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Power factor	0.8 leading to 0.8 lagging				
Ambient temperature	-25°C~60°C				
Ingress protection	IP65				
Protective class	Class I				

Test

Standard:

IEC 60068-2-1:2007. Environmental testing. Part 2-1: Tests. Test Ae: Cold.
IEC 60068-2-2:2007. Environmental testing. Part 2-2: Tests. Test Be: Dry heat.
IEC 60068-2-14:2009. Environmental testing. Part 2-14: Tests. Test Nb: Change of temperature.
IEC 60068-2-30:2005. Environmental testing. Part 2-30: Tests. Test Db-Variant 1: Damp heat, cyclic (12 h + 12 h cycle).
IEC 61683:1999. Photovoltaics systems - Power conditioners - Procedure for measuring efficiency.
IEC 62116:2014. Test procedure of islanding prevention measures for utility-interconnected photovoltaic inverters.
IEC 61727:2004. Photovoltaics (PV) systems - Characteristics of the utility interface.



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