



## 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: 

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. x2	28.5Ad.c. x2	28.5Ad.c. x3	28.5Ad.c. x3	28.5Ad.c. x4
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 x3	47.8Aa.c x3	50.7Aa.c x3	58Aa.c x3	72.4Aa.c x3
Power factor	0.8 leading to 0.8 lagging				
Ambient temperature	-25°C-60°C				
Ingress protection	IP65				
Protective class	Class I				



*Roger Hu*

Roger Hu  
Technical Manager  
SGS-CSTC

2019-03-05

Copyright of this verification is owned by SGS-CSTC Standards Technical Services Co., Ltd. and may not be reproduced other than in full and with the prior approval of the General Manager. This verification is subjected to the governance of the General Conditions of Services, printed overleaf.

Member of SGS Group (Société Générale de Surveillance)



## VERIFICATION OF COMPLIANCE

No.: **GZES1903012728PV**


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: 

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**

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



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
Max. input power	27.5kW	36.3kW	38.5kW	44kW	55kw
Max. input voltage	1000Vd.c.				
Max. input current	28.5Ad.c. x2	28.5Ad.c. x2	28.5Ad.c. x3	28.5Ad.c. x3	28.5Ad.c. x4
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 x3	47.8Aa.c x3	50.7Aa.c x3	58Aa.c x3	72.4Aa.c x3
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.



Roger Hu  
 Technical Manager  
 SGS-CSTC

2019-03-05

Copyright of this verification is owned by SGS-CSTC Standards Technical Services Co., Ltd. and may not be reproduced other than in full and with the prior approval of the General Manager. This verification is subjected to the governance of the General Conditions of Services, printed overleaf.

Member of SGS Group (Société Générale de Surveillance)