



VERIFICATION OF COMPLIANCE

No.: **GZES1903012729PV**


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-3-80K-IN,APSG-3-75K-IN,APSG-3-70K-IN,
APSG-3-60K-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

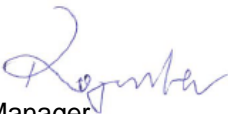
Test Standard: IEC/EN 62109-1:2010
IEC/EN 62109-2:2011

as shown in the

Test Report Number(s): **GZES190301272901, GZES190301272902**

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.:

GZES1903012729PV

Other information added:

Rating:

Model Number	APSG-3-60K-IN	APSG-3-70K-IN	APSG-3-75K-IN	APSG-3-80K-IN
Max. input power	66kW	77kW	82.5kW	88kW
Max. input voltage	1000Vd.c.			
Max. input current	28.5Ad.c. x4	28.5Ad.c. x4	28.5Ad.c. x4	28.5Ad.c. x4
MPPT voltage range	200-1000Vd.c.			
Full load MPPT voltage range	720-850V.d.c			
Rated grid voltage	3P/N/PE 230/400Vac			
Rated grid frequency	50Hz/60Hz			
Rated output power	60kW	70kW	75kW	80kW
Rated output current	87.0Aa.c x3	101.4Aa.c x3	108.7Aa.c x3	115.9Aa.c x3
Power factor	0.8 leading to 0.8 lagging			
Ambient temperature	-25°C~60°C			
Ingress protection	IP65			
Protective class	Class I			

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

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VERIFICATION OF COMPLIANCE

No.: **GZES1903012730PV**


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-3-80K-IN,APSG-3-75K-IN,APSG-3-70K-IN,
APSG-3-60K-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): **GZES190301273001, GZES190301273002
GZES190301273003, GZES190301273004**

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.



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2019-03-05

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No.:

GZES1811002776PV

Other information added:

Rating:

Model Number	APSG-3-60 K-IN	APSG-3-70K -IN	APSG-3-75K -IN	APSG-3-80K -IN
Max. input power	66kW	77kW	82.5kW	88kW
Max. input voltage	1000Vd.c.			
Max. input current	28.5Ad.c. x4	28.5Ad.c. x4	28.5Ad.c. x4	28.5Ad.c. x4
MPPT voltage range	200-1000Vd.c.			
Full load MPPT voltage range	720-850V.d.c			
Rated grid voltage	3P/N/PE 230/400Vac			
Rated grid frequency	50Hz/60Hz			
Rated output power	60kW	70kW	75kW	80kW
Rated output current	87.0Aa.c x3	101.4Aa.c x3	108.7Aa.c x3	115.9Aa.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.



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