



VERIFICATION OF COMPLIANCE

No.: **GZES1903012733PV**


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-3-20K-IN, APSG-3-15K-IN, APSG-3-12K-IN,
APSG-3-10K-IN, APSG-3-8K-IN, APSG-3-7K-IN,
APSG-3-6.6K-IN, APSG-3-5.5K-IN

Trade Mark: 

Rating: Refer to page 2 and page 3

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): **GZES190301273301, GZES190301273302**

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.:

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Other information added:

Rating:

Model Number	APSG-3-20K-IN	APSG-3-15K-IN	APSG-3-12K-IN	APSG-3-10K-IN
Max. input power	22kw	16.5kw	13.2kw	11kw
Max. input voltage	1000Vd.c.			900
Max. input current	20Ad.c.*2	20Ad.c.*2	20Ad.c.+10Ad.c.	10Ad.c.*2
MPPT voltage range	200-1000Vd.c.			200-900Vd.c.
Full load MPPT voltage range	500-1000Vd.c.	375-1000Vd.c.	400-1000Vd.c.	500-900Vd.c.
Rated grid voltage	3P/N/PE 230/400Vac			
Rated grid frequency	50HZ/60HZ			
Rated output power	20kw	15kw	12kw	10kw
Rated output current	29Aa.c x3	21.8Aa.c x3	17.4Aa.c x3	14.5Aa.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
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2019-03-05

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Other information added:

Rating:

Model Number	APSG-3-8K-IN	APSG-3-7K-IN	APSG-3-6.6K-IN	APSG-3-5.5K-IN
Max. input power	8.8kw	7.7kw	6.6kw	5.5kw
Max. input voltage	1000Vd.c.			900
Max. input current	10Ad.c.*2	10Ad.c.*2	10Ad.c.*2	10Ad.c.*2
MPPT voltage range	200-1000Vd.c.			200-900Vd.c.
Full load MPPT voltage range	400-900Vd.c.	350-900Vd.c.	300-900Vd.c.	250-1000Vd.c.
Rated grid voltage	3P/N/PE 230/400Vac			
Rated grid frequency	50HZ/60HZ			
Rated output power	8kw	7kw	6kw	5kw
Rated output current	11.6Aa.c x3	10.2Aa.c x3	8.7Aa.c x3	7.3Aa.c x3
Power factor	0.8 leading to 0.8 lagging			
Ambient temperature	-25°C~60°C			
Ingress protection	IP65			
Protective class	Class I			

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APSG-3-6.6K-IN, APSG-3-5.5K-IN

Trade Mark: 

Rating: Refer to page 2 and 3

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 3
as shown in the

Test Report Number(s): **GZES190301273401, GZES190301273402
GZES190301273403, GZES190301273404**

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Other information added:

Rating:

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Full load MPPT voltage range	500-1000Vd.c.	375-1000Vd.c.	400-1000Vd.c.	500-900Vd.c.
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Rated output current	29Aa.c x3	21.8Aa.c x3	17.4Aa.c x3	14.5Aa.c x3
Power factor	0.8 leading to 0.8 lagging			
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Ingress protection	IP65			
Protective class	Class I			



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Max. input current	10Ad.c.*2	10Ad.c.*2	10Ad.c.*2	10Ad.c.*2
MPPT voltage range	200-1000Vd.c.			200-900Vd.c.
Full load MPPT voltage range	400-900Vd.c.	350-900Vd.c.	300-900Vd.c.	250-1000Vd.c.
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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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