



VERIFICATION OF COMPLIANCE

No.: **GZES1903012731PV**

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: Single phase Utility interactive inverter

Product Description: Inverter used in PV system

Model No.: APSG-1-6K-IN, APSG-1-5.3K-IN, APSG-1-4.2K-IN,
APSG-1-3.3K-IN, APSG-1-2.2K-IN, APSG-1-1.1K-IN

Trade Mark: 
AUSTRALIAN PREMIUM SOLAR

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): **GZES190301273101, GZES190301273102**

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



VERIFICATION OF COMPLIANCE

No.: **GZES1903012732PV**

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: Single phase Utility interactive inverter

Product Description: Inverter used in PV system

Model No.: APSG-1-6K-IN,APSG-1-5.3K-IN,APSG-1-4.2K-IN,
APSG-1-3.3K-IN,APSG-1-2.2K-IN,APSG-1-1.1K-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): **GZES190301273201, GZES190301273202
GZES190301273203, GZES190301273204**

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.:

GZES1903012732PV

Other information added:

Test IEC 60068-2-1:2007. Environmental testing. Part 2-1: Tests. Test Ae: Cold.
Standard: 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
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2019-03-05

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Member of SGS Group (Société Générale de Surveillance)



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: 
AUSTRALIAN PREMIUM SOLAR

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

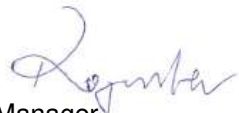
Test Standard: IEC/EN 62109-1:2010
IEC/EN 62109-2:2011

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



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No.:

GZES1903012733PV

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
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2019-03-05

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No.:

GZES1903012733PV

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			

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

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VERIFICATION OF COMPLIANCE

No.: **GZES1903012734PV**

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: 
AUSTRALIAN PREMIUM SOLAR

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

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
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2019-03-05

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No.:

GZES1903012734PV

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			



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2019-03-05

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No.:

GZES1903012734PV

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			

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

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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-3-30K-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

No.:

GZES1903012727PV

Other information added:

Rating:

Model Number	APSG-3-25K-IN	APSG-3-30K-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	30kW	35kW	40kW	50kw
Rated output current	36.2Aa.c x3	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

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-3-30K-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-3-30 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	30kW	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



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: 
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

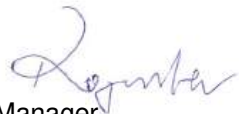
Test Standard: IEC/EN 62109-1:2010
IEC/EN 62109-2:2011

as shown in the

Test Report Number(s): **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
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2019-03-05

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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.



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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: 
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): **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.



Roger Hu
Technical Manager
SGS-CSTC

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. ×4	28.5Ad.c. ×4	28.5Ad.c. ×4	28.5Ad.c. ×4
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 ×3	101.4Aa.c ×3	108.7Aa.c ×3	115.9Aa.c ×3
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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