


Certificate of Conformity

Certificate Number: CN-PV-190098

On the basis of the tests undertaken, the samples of the below product have been found to comply with the requirements of the referenced specification/standard at the time the tests were carried out. It does not imply that Intertek has performed any surveillance or control of the manufacture. The manufacturer shall ensure that the manufacturing process assures compliance of the production units with the examined products mentioned in this certificate.

Applicant:	Guangzhou Sanjing Electric Co., Ltd. No.9, Lizhishan Road, Science City, Guangzhou High-tech Zone, Guangdong, P.R.China
Product:	Anti-backflow system
Ratings & Principle Characteristics:	See Annex to Certificate of Conformity
Model:	PV Grid-connected Inverter: R5-3K-T2, R5-4K-T2, R5-5K-T2, R5-6K-T2, R5-8K-T2, R5-9K-T2, R5-10K-T2, R5-12K-T2, R5-13K-T2, R5-15K-T2, R5-17K-T2, R5-20K-T2 Three phase smart meter: DTSU666
Brand Name:	
Tested according to:	UNE 217001 IN: October 2015 Requirements and tests for systems intended to avoid the energy transmission to the distribution network
Certificate Issuing Office Name & Address:	Intertek Testing Services Ltd. Shanghai 2/F (West Side), No. 707, Zhangyang Road, Free Trade Experimental Area, Shanghai, P. R. China
Test Report No.:	191115099GZU-001

Additional information in Appendix.

Signature

Certification Manager: Grady Ye

Date: 07 January 2020

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-190098

Ratings & Principle Characteristics:

PV Grid-connected Inverter:

Model	R5-3K-T2	R5-4K-T2	R5-5K-T2	R5-6K-T2	R5-8K-T2	R5-9K-T2
Max Voltage	1100 Vdc					
MPPT voltage range	160-950 Vdc					
Max DC input Current [PV1/PV2]	12.5/12.5 Adc					
Max. Short circuit Current [PV1/PV2]	15/15Adc					
Nominal AC voltage	3W/N/PE, 230/400Vac					
Rated AC current [A]	4.4	5.8	7.3	8.7	11.6	13.1
Max.AC Current [A]	5.0	6.7	8.4	10.0	13.4	15.0
Grid Frequency	50Hz					
Rated Power [W]	3000	4000	5000	6000	8000	9000
Max. AC power [VA]	3300	4400	5500	6600	8800	9900
Power factor	0.8 Leading to 0.8 Lagging					
Temperature	-40°C - +60°C					
Protective Class	Class I					
Ingress protection	IP 65					
Software Version	V3.025					

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Ratings & Principle Characteristics:

Model	R5-10K-T2	R5-12K-T2	R5-13K-T2	R5-15K-T2	R5-17K-T2	R5-20K-T2
Max Voltage	1100 Vdc					
MPPT voltage range	160-950 Vdc				180-950 Vdc	
Max DC input Current	12.5/12.5 Adc		25/12.5 Adc		25/25 Adc	
Max. Short circuit Current	15/15 Adc		30/15 Adc		30/30 Adc	
Nominal AC voltage	3W/N/PE, 230/400Vac					
Rated AC current [A]	14.5	17.4	18.9	21.8	24.7	29.0
Max.AC Current [A]	16.7	18.2	21.7	25.0	28.4	33.4
Grid Frequency	50Hz					
Rated Power [W]	1000	12000	13000	15000	17000	20000
Max. AC power [VA]	11000	12000	14300	16500	18700	22000
Power factor	0.8 Leading to 0.8 Lagging					
Temperature	-40°C - +60°C					
Protective Class	Class I					
Ingress protection	IP 65					
Software Version	V3.025					

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Ratings & Principle
Characteristics:

Three phase smart meter:
Voltage: 3 x 230/400V
Current: Max.80A
Frequency: 50/60Hz
Measurement categories: II
Type of communication: RS485
Operational temperature: -40°C - +60°C
Ingress protection: IP 54
Overvoltage category: II
Pollution degree: 2
Software Version: communication: V1.011



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