

CERTIFICATE OF CONFORMITY

RED Directive 2014/53/EU Registration No.: NTC2103448EV00

Applicant : Guangzhou Sanjing Electric Co., Ltd.
Address : No.9, Lizhishan Road, Science City, Guangzhou High-tech Zone, Guangdong, P.R.China

Manufacturer : Guangzhou Sanjing Electric Co., Ltd.
Address : No.9, Lizhishan Road, Science City, Guangzhou High-tech Zone, Guangdong, P.R.China

Factory : Guangzhou Sanjing Electric Co., Ltd.
Address : No.9, Lizhishan Road, Science City, Guangzhou High-tech Zone, Guangdong, P.R.China

E.U.T. : eSolar SEC

Brand Name : N/A

Model No. : eSolar SEC

Standard : EN55032+A1: 2020; EN55035+A11: 2020
EN IEC 61000-3-2: 2019+A1: 2021
EN 61000-3-3: 2013+A1:2019
ETSI EN 301 489-1 V2.2.3: 2019
ETSI EN 301 489-17 V3.2.4: 2020
ETSI EN 300 328 V2.2.2: 2019
EN IEC 62311: 2020, EN 50665: 2017
EN 62368-1: 2014 + A11: 2017

Report No. : NTC2103469EV00 & NTC2103449EV00 & NTC2103450EV00 &
NTC2103451EV00 & NTC2103452EV00 & NTC2103453SV00



Based on a review of the test report detailed above, the product is in conformity with the essential requirements of Article 3.1 (a) the protection of the health and 3.1 (b), 3.2 of Directive 2014/53/EU. Technical report and documentation are at the applicant's disposal. The certificate does not imply assessment of the production and does not permit the use of Lab's logo.



Product Service

Attestation of Conformity

No. N8A 18 04 03649 003

**Holder of Certificate: Zhejiang CHINT
Instrument & Meter Co., Ltd.**Wenzhou Bridge Industrial Zone
325603 Yueqing
PEOPLE'S REPUBLIC OF CHINA**Product: Electronic measuring equipment
(Three-Phase Smart Meter)****Model(s): DTSU666 5(80), DTSU666 1.5(6),
DSSU666 5(80), DSSU666 1.5(6)****Parameters:**

Rating:	
DTSU666 5(80):	3X230/400V, 50/60Hz, max. 80A;
DTSU666 1.5(6):	3X230/400V, 50/60Hz, max. 6A;
DSSU666 5(80):	3X400V, 50/60Hz, max. 80A;
DSSU666 1.5(6):	3X400V, 50/60Hz, max. 6A
Measurement Categories:	II
Overtoltage category:	II
Pollution degree:	2
Means of protection:	Class II

Tested according to: EN 61010-1:2010
EN 61010-2-030:2010

This Attestation of Conformity is issued on a voluntary basis according to the Low Voltage Directive 2014/35/EU relating to electrical equipment designed for use within certain voltage limits. It confirms that the listed equipment complies with the principal protection requirements of the directive and is based on the technical specifications applicable at the time of issuance. It refers only to the particular sample submitted for testing and certification. See also notes overleaf.

Test report no.: 64105180082801**Date,** 2018-04-12

(Frank Zhu)


CE After preparation of the necessary technical documentation as well as the EU declaration of conformity the required CE marking can be affixed on the product. The declaration of conformity is issued under the sole responsibility of the manufacturer. Other relevant EU-directives have to be observed.

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Product Service

Attestation of Conformity

No. E8A 18 04 03649 007

Holder of Certificate: **Zhejiang CHINT Instrument & Meter Co., Ltd.**
 Wenzhou Bridge Industrial Zone
 325603 Yueqing
 PEOPLE'S REPUBLIC OF CHINA

Name of Object: **Power meters
 (Three-Phase Smart Meter)**

Model(s): **DTSU666 5(80), DTSU666 1.5(6),
 DSSU666 5(80), DSSU666 1.5(6)**

Description of Object:

Rated voltage:	
DTSU666 5(80):	3*230/400V, 50/60Hz
DTSU666 1.5(6):	3*230/400V, 50/60Hz
DSSU666 5(80):	3*400V, 50/60Hz
DSSU666 1.5(6):	3*400V, 50/60Hz
Rated current:	
DTSU666 5(80):	max. 80A
DTSU666 1.5(6):	max. 6A
DSSU666 5(80):	max. 80A
DSSU666 1.5(6):	max. 6A
Protection class:	II

Tested according to: EN 61326-1:2013
 EN 61326-2-1:2013

This Attestation of Conformity is issued on a voluntary basis according to the Directive 2014/30/EU relating to electromagnetic compatibility. It confirms that the listed apparatus complies with all essential requirements of the directive and is based on the technical specifications applicable at the time of issuance. It refers only to the particular sample submitted for testing and certification. See also notes overleaf.

Test report no.: 64713180045701

Date, 2018-04-10 (Tony Liu)



CE After preparation of the necessary technical documentation as well as the EU declaration of conformity the required CE marking can be affixed on the product. That declaration of conformity is issued under the sole responsibility of the manufacturer. Other relevant EU-directives have to be observed.



Declaration of Conformity

Hereby the manufacturer, **Guangzhou Sanjing Electric Co., Ltd.**, declares that the following model Load monitoring device:

SEC Kit - S80

SEC Kit - S100

SEC Kit - T80

SEC Kit - T100

SEC Kit - T250

Do fulfill the requirements defined defined in:

1. European Parliament and Council Directive 2011/65/EU on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (ROHS).
2. The BBP/DBP/DEHP/DIBP content requirements of the European Council Directive 2011/65/EU on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (ROHS) with its Amendments Directive 2015/863.
3. Directive 2014/53/EU of the European Parliament and of the Council on the use of radio equipment. (RED).

Guangzhou Sanjing Electric Co., Ltd.

No. 9, Lizhishan Road, Science City,

Guangzhou High-tech Zone,

Guangdong, P.R.

China


Signature: 

Date: April 1, 2022

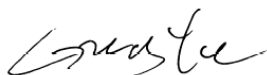
Certificate of Conformity

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

This Certificate is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Certificate. Only the Client is authorized to permit copying or distribution of this Certificate. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek.

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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APPENDIX: Certificate of Conformity

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

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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APPENDIX: Certificate of Conformity

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

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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