


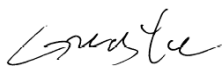
# Certificate of Conformity

Certificate Number: CN-PV-210056

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.

<b>Applicant:</b>	NingBo Deye Inverter Technology Co., Ltd. No. 26 South YongJiang Road, Daqi, Beilun, NingBo, China
<b>Product:</b>	Anti-backflow system
<b>Ratings &amp; Principle Characteristics:</b>	See Annex to Certificate of Conformity
<b>Model:</b>	PV Grid-connected Inverter: SUN-3K-G03, SUN-4K-G03, SUN-5K-G03, SUN-6K-G03 SUN-7K-G03, SUN-8K-G03, SUN-9K-G03, SUN-10K-G03 SUN-12K-G03, SUN-15K-G03 Three phase smart meter: DTSU666
<b>Brand Name:</b>	
<b>Tested according to:</b>	UNE 217001 IN: October 2015 Requirements and tests for systems intended to avoid the energy transmission to the distribution network
<b>Certificate Issuing Office Name &amp; Address:</b>	Intertek Testing Services Ltd. Shanghai West Area, 2 <sup>nd</sup> Floor, No. 707, Zhangyang Road China (Shanghai) Pilot Free Trade Zone, Shanghai, P. R. China
<b>Test Report No.:</b>	210111093GZU-001

Additional information in Appendix.



**Signature**

**Certification Manager: Grady Ye**

**Date: 8 April 2021**

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-210056

Ratings &  
Principle  
Characteristics:

PV Grid-connected Inverter:

Model	SUN-3K- G03	SUN-4K- G03	SUN-5K- G03	SUN-6K- G03	SUN-7K- G03
PV Input					
Max. DC input Voltage:	1000Vdc				
PV Isc	2x20A				
Max input current	12.5A/12.5 A				
MPPT voltage range:	120V-850Vdc				
Output					
Nominal AC output voltage:	3L/N/PE 230/400Vac				
Nominal frequency:	50Hz				
Nominal output power:	3KW	4KW	5KW	6KW	7KW
Max output power:	3.3KW	4.4KW	5.5KW	6.6KW	7.7KW
Rated AC Current	4.3Aa.c x3	5.8Aa.c. x3	7.2Aa.c. x3	8.7Aa.c. x3	10.1Aa.c. x3
Power factor:	0.8 leading to 0.8 lagging				
Ingress protection:	IP65				
Protection Class:	Class I				
Operation Ambient Temp	-25°C~65°C				
Software Version	Ver2930				

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Ratings &  
Principle  
Characteristics:

Model	SUN-8K- G03	SUN-9K- G03	SUN-10K- G03	SUN-12K- G03	SUN-15K- G03
PV Input					
Max. DC input Voltage:	1000Vdc				
PV Isc	2x20A			20A/40A	20A/40A
Max input current	12.5A/12.5 A			11A/22A	11A/22A
MPPT voltage range:	120V-850Vdc			200V-850Vdc	
Output					
Nominal AC output voltage:	3L/N/PE 230/400Vac				
Nominal frequency:	50Hz				
Nominal output power:	8KW	9KW	10KW	12KW	15KW
Max output power:	8.8KW	9.9KW	11KW	13.2KW	16.5KW
Rated AC Current	11.6Aa.c x3	13.0Aa.c x3	14.5Aa.c. x3	17.4Aa.c. x3	21.8Aa.c. x3
Power factor:	0.8 leading to 0.8 lagging				
Ingress protection:	IP65				
Protection Class:	Class I				
Operation Ambient Temp	-25°C~65°C				
Software Version	Ver2930				

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Ratings &  
Principle  
Characteristics:

Three phase smart meter: DTSU666  
Voltage: 3 x 230/400V  
Current: 0.25-5(80)A  
Frequency: 50/60Hz  
Measurement categories: II  
Type of communication: RS485  
Operational temperature: -25°C - +55°C  
Ingress protection: IP 51  
Overvoltage category: II  
Pollution degree: 2  
Software Version: V204  
communication: Ver0224

