

Certificate of Conformity

Certificate Number: CN-PV-200162

On the basis of the tests undertaken, the samples of the below product have been found to comply with the requirements of the referenced specifications /standards 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:	NINGBO DEYE INVERTER TECHNOLOGY CO.,LTD No. 26 South YongJiang Road, Daqi, Beilun, NingBo, China
Product:	Grid-Connected PV Inverter
Ratings & Principle Characteristics:	See Appendix to Certificate of Conformity
Models:	SUN-50K-G-LV, SUN-45K-G-LV, SUN-40K-G-LV
Brand Name:	
Tested according to:	ABNT NBR 16149:2013 ABNT NBR 16150:2013 ABNT NBR IEC 62116: 2012
Certificate Issuing Office Name & Address:	Intertek Testing Services Ltd. Shanghai West Area, 2nd Floor, No. 707, Zhangyang Road China (Shanghai) Pilot Free Trade Zone, Shanghai, P. R. China
Test Reports No:	200730014GZU -001 200730014GZU -002 200730014GZU -003

Additional information in Appendix.



Signature

Certification Manager: Grady Ye
Date: 17 December 2020

APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-200162

Ratings & Principle Characteristics:

Model	SUN-40K-G-LV	SUN-45K-G-LV	SUN-50K-G-LV
V_{MAX} PV [Vdc]	800		
DC Voltage Range [Vdc]	200-700		
Max, Input Current I_{MAX} [A]	40*4		
Rated Output Voltage U_r [Vac]	127/220		
Rated Output Frequency F_{NETZ} [Hz]	60		
Rated Output Power P_E [kW]	40,00	45,00	50,00
Max, Output Current I_{max} [A]	115.5	130	144.4
Power Factor $\cos\phi$ [λ]	-0,8~+0,8		
Enclosure Protection (IP)	IP65		
Operating Temperature Range [°C]	-25°C ~ +60°C		
Firmware	Hardware: Ver2.5 Software: Ver2074		

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.