

# Test Verification of Conformity

On the basis of the referenced test report(s), sample(s) of the below product have been found to comply with the harmonized standards and Directives listed on this verification at the time the tests were carried out. Other standards and Directives may be relevant to the product.

Once all product relevant **CE** mark directives are verified in compliance, the manufacturer may indicate compliance by signing a Declaration of Conformity themselves and applying the mark to product identical to the test sample(s) if the product complies with all relevant CE mark Directives requirements.

Applicant Name & Address:	NINGBO DEYE INVERTER TECHNOLOGY CO., LTD No.26 Southern Yongjiang Road, Daqi Beilun Ningbo. China
Product Description:	PV Inverter
Ratings & Principle Characteristics:	See Annex to Test Verification of Conformity
Models:	SUN-5K-G, SUN-3.6K-G
Relevant Standards	EN 62109-1: 2010 (First Edition) Safety of Power Converter for use in Photovoltaic Power Systems Part 1: General requirements EN 62109-2:2011 Safety of Power Converter for use in Photovoltaic Power Systems Part 2: Particular requirements for inverters Low Voltage Directive 2014/35/EU
Verification Issuing Office:	Same as Intertek Legal Entity
Date of Tests:	20 Sep., 2017 – 28 Apr., 2018
Test Report Number(s):	170913088GZU-001, 170913088GZU-002

Additional information in Appendix.

Signature

**Name:** Grady Ye  
**Position:** Manager  
**Issuing Office:** Intertek Legal Entity: Intertek  
 Testing Services Shenzhen Ltd.  
 Guangzhou Branch  
**Date:** 08 May., 2018



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## APPENDIX: Test Verification of Conformity

This is an Annex to Test Verification of Conformity with Verification/Report Number(s): 170913088GZU-001, 170913088GZU-002, The issuing office is Intertek Legal Entity as above.

**Ratings & Principle  
Characteristics:**

Model: SUN-5K-G  
DC input:  
Max. DC open circuit voltage: 600Vdc  
DC input voltage range: 90-600Vdc  
Max. continuous input current: 2\*10A  
Isc PV: 2\*12.5A  
AC output:  
Output voltage/ frequency: 230V~/ 50Hz  
Max. continuous output current: 21.73A  
Output power: 5000W  
Power factor: 0.99  
Temperature range: -25°C – +60°C  
IP65, Class I  
Model: SUN-3.6K-G  
DC input:  
Max. DC open circuit voltage: 600Vdc  
DC input voltage range: 90-600Vdc  
Max. continuous input current: 2\*10A  
Isc PV: 2\*12.5A  
AC output:  
Output voltage/ frequency: 230V~/ 50Hz  
Max. continuous output current: 15.65A  
Output power: 3600W  
Power factor: 0.99  
Temperature range: -25°C – +60°C  
IP65, Class I



**Signature**

**Name:** Grady Ye  
**Position:** Manager  
**Issuing Office:** Intertek Legal Entity: Intertek  
Testing Services Shenzhen Ltd.  
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