


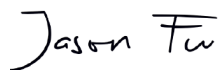
Test Verification of Conformity

Verification Number: 220118091GZU-VOC001

On the basis of the referenced test reports, sample tested of the below product have been found to comply with the standards harmonized with the directives listed on this verification at the time the tests were carried out. Other standards and Directives may be relevant to the product. This verification is part of the full test reports and should be read in conjunction with them.

Once compliance with all product relevant  mark directives are verified, including any relevant e.g. risk assessment and production control, the manufacturer may indicate compliance by signing a Declaration of Conformity themselves and applying the mark to products identical to the tested sample(s).

Applicant Name & Address:	Nansen Instrumentos de Precisão LTDA Rua José Pedro Araujo, 960 - Cinco - CEP: 32341-560 - Contagem - MG - Brasil
Product Description:	Single phase on grid solar inverter
Ratings & Principle Characteristics:	See Appendix: Test Verification of Conformity
Models/Type References:	ASN-3.6SL, ASN-4SL, ASN-4.6SL, ASN-5SL
Brand Name:	
Relevant Standards/Directives:	See Appendix: Test Verification of Conformity
Verification Issuing Office Name & Address:	Intertek Testing Services Shenzhen Ltd. Guangzhou Branch Room 02, & 101/E201/E301/E401/E501/E601/E701/E801 of Room 01 1-8/F., No. 7-2. Caipin Road, Science City, GETDD, Guangzhou, Guangdong, China
Date of Tests:	18 Jan 2022 – 22 May 2022
Test Report Number(s):	220118091GZU-001, 220118091GZU-002
Additional information in Appendix.	



Signature

Name: Jason Fu

Position: Supervisor

Date: 06 June 2022

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APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 220118091GZU-VOC001

Ratings & Principle Characteristics:

MODEL	ASN-3.6SL	ASN-4SL
Input (DC)		
Max. input voltage	600V	
Rated input voltage	360V	
MPPT operating voltage range	80V~500V	
Max. input MPPT current	13A/13A	
Max. input short circuit current per MPPT	16A/16A	
Output (AC)		
Rated power	3600W	4000W
Max. AC power	3960VA	4400VA
Rated output current	15.7A	18.2A
Max output current	16.0A	19.4A
Nominal grid voltage	220Vac/230Vac	
Nominal frequency	50Hz/60Hz	
Power factor	1 default (+/-0.8 adjustable)	
Ambient temperature range	-25~+60°C	
Degree of protection	IP65	
Software Version	DSP: V1.02; ARM: V1.06	

Jason Fu

Signature

Name: Jason Fu

Position: Supervisor

Date: 06 June 2022

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APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 220118091GZU-VOC001

Ratings & Principle Characteristics:

MODEL	ASN-4.6SL	ASN-5SL
Input (DC)		
Max. input voltage	600V	
Rated input voltage	360V	
MPPT operating voltage range	80V~500V	
Max. input MPPT current	13A/13A	
Max. input short circuit current per MPPT	16A/16A	
Output (AC)		
Rated power	4600W	5000W
Max. AC power	5060VA	5500VA
Rated output current	20.9A	22.7A
Max output current	22.3A	24.3A
Nominal grid voltage	220Vac/230Vac	
Nominal frequency	50Hz/60Hz	
Power factor	1 default (+/-0.8 adjustable)	
Ambient temperature range	-25~+60°C	
Degree of protection	IP65	
Software Version	DSP: V1.02; ARM: V1.06	

Relevant Standards/Directives

IEC/EN 62109-1: 2010 Safety of power converters for use in photovoltaic power systems – Part 1: General requirements
 IEC/EN 62109-2: 2011 Safety of power converters for use in photovoltaic power systems – Part 2: Particular requirements for inverters
 Low Voltage Directive 2014/35/EU

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