TL-395

Relatório de ensaio emitido sob a responsabilidade do: Test Report issued under the responsibility of:

RELATÓRIO DE TESTE
TEST REPORT
PORTARIA Nº 140, DE 21 DE MARÇO DE 2022
Aprova o Regulamento Técnico da Qualidade e os Requisitos de Avaliação da Conformidade para Equipamentos de Geração, Condicionamento e Armazenamento de Energia Elétrica em Sistemas Fotovoltaicos - Consolidado.

Referência relatórion:,,,,,,,,,,,,,,,,, Report Reference No.	251225184GZU-001	
Testado por (nome + assinatura):,,,, Tested by (name + signature)	Zeyu Yang Engineer	Zeyu Yang ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Aprovado por (nome + assinatura) Approved by (name + signature)	Jason Fu Supervisor	Jason Fu ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Data de emissão:,,,,,,,,,,,,,,,,,,,,,,,,,,,, Date of issue	2026-1-8	
Laboratório de Ensaios:,,,,,,,,,,,,,,,,,, Testing Laboratory	Intertek Testing Services Shenzhen Ltd, Guangzhou Branch	
Endereço: ,,, Address	Room101/301/401/102/202/302/402/502/602/702/802, No. 7-2, Caipin Road, Huangpu District, Guangzhou, Guangdong, China	
Local do ensaio / endereço: ,,,,,,,,,,,, Testing location/ address	como acima As above	
N Nome do Requerente: ,,,,,,,,,,,,,,,,, Applicant's name	Ningbo AUX Solar Technology Co., Ltd.	
Endereço: ,,, AAddress	1-2&2-7 of Building A, 1-1 on 1F of Building 10, 1-1 on 1F of Building 13; 1-1 on 1F & 2-1on 2F & 3-3 on 3F & 4-4 on 4F of Building 16, No.518 Xinmei Road, Ningbo National Hi-Tech Industrial Development Zone, Zhejiang, China	
Especificações de ensaio: Test specification: Padrão: ,,, Standard	PORTARIA Nº 140, DE 21 DE MARÇO DE 2022 (Retificação publicada no DOU de 30 de agosto de 2022) PORTARIA Nº 515, DE 10 DE NOVEMBRO DE 2023	
Test Report Form Não,,,,,,,,,,,,,,,,,,,, Test Report Form No:	ANEXO I RTQ-A	
Test Report Form (s) Originator: ,,,,, Test Report Form(s) Originator	Intertek Guangzhou	
Mestre TRF: ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, Master TRF	2023-03	

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RELATÓRIO DE TESTE
TEST REPORT
PORTARIA Nº 140, DE 21 DE MARÇO DE 2022
Aprova o Regulamento Técnico da Qualidade e os Requisitos de Avaliação da Conformidade para Equipamentos de Geração, Condicionamento e Armazenamento de Energia Elétrica em Sistemas Fotovoltaicos - Consolidado.

Referência relatórion:,,,,,,,,,,,,,,,,, Report Reference No.	251225184GZU-003	
Testado por (nome + assinatura):,,,, Tested by (name + signature)	Zeyu Yang Engineer	Zeyu Yang ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Aprovado por (nome + assinatura) Approved by (name + signature)	Jason Fu Supervisor	Jason Fu ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Data de emissão:,,,,,,,,,,,,,,,,,,,,,,,,,,,,, Date of issue	2026-1-13	
Laboratório de Ensaios:,,,,,,,,,,,,,,,,,,, Testing Laboratory	Intertek Testing Services Shenzhen Ltd, Guangzhou Branch	
Endereço: ,,, Address	Room101/301/401/102/202/302/402/502/602/702/802, No. 7-2, Caipin Road, Huangpu District, Guangzhou, Guangdong, China	
Local do ensaio / endereço: ,,,,,,,,,,,, Testing location/ address	como acima As above	
N Nome do Requerente: ,,,,,,,,,,,,,,,,, Applicant's name	Nansen Instrumentos de Precisão LTDA.	
Endereço: ,,, AAddress	Av. Antonio Chagas Diniz, Nº 1500 - Cidade Industrial – Contagem/MG CEP: 32210-160 - Brasil	
Especificações de ensaio: Test specification: Padrão: ,,, Standard	PORTARIA Nº 140, DE 21 DE MARÇO DE 2022 (Retificação publicada no DOU de 30 de agosto de 2022) PORTARIA Nº 515, DE 10 DE NOVEMBRO DE 2023	
Test Report Form Não,,,,,,,,,,,,,,,,,,,, Test Report Form No:	ANEXO I RTQ-A	
Test Report Form (s) Originator: ,,,,, Test Report Form(s) Originator	Intertek Guangzhou	
Mestre TRF: ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, Master TRF	2023-03	

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TEST REPORT
IEC 63027
Photovoltaic power systems – DC arc detection and interruption

Report Number. ..... :	251225184GZU-002
Date of issue ..... :	08 Jan 2026
Total number of pages ..... :	45 pages
Name of Testing Laboratory preparing the Report ..... :	Intertek Testing Services Shenzhen Ltd. Guangzhou Branch Room101/301/401/102/202/302/402/502/602/702/802, No. 7-2, Caipin Road, Huangpu District, Guangzhou, Guangdong, China
Applicant's name ..... :	Ningbo AUX Solar Technology Co., Ltd.
Address ..... :	1-2&2-7 of Building A, 1-1 on 1F of Building 10, 1-1 on 1F of Building 13; 1-1 on 1F & 2-1on 2F & 3-3 on 3F & 4-4 on 4F of Building 16, No.518 Xinmei Road, Ningbo National Hi-Tech Industrial Development Zone, Zhejiang, China
Test specification:	
Standard ..... :	IEC 63027:2023
Test procedure ..... :	Partial test
Non-standard test method ..... :	N/A
Test Report Form No. ..... :	IEC63027a
Test Report Form(s) Originator .... :	Intertek Testing Services Shenzhen Ltd. Guangzhou Branch
Master TRF ..... :	Dated 2024-07

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Attestation

of Conformity

This certifies that below described product(s) of the company:

Ningbo AUX Solar Technology Co., Ltd.
1-2&2-7 of Building A, 1-1 on 1F of Building 10, 1-1 on 1F of Building 13; 1-1 on 1F & 2-1on 2F & 3-3 on 3F & 4-4 on 4F of Building 16, No.518 Xinmei Road, Ningbo National Hi-Tech Industrial Development Zone,
Zhejiang,
China

comply to the essential requirements of the following standards

Manufacturer and factory(-ies):	See Annex
Description of product(s) (details see Annex):	**Single phase on grid solar inverter**
Certification program:	BOS-P-01 Rev. 02
Certification fundamental(s):	Engineering Recommendation G98 Issue 2:2025 See test report for detailed information.

This certificate of conformity is based on the evaluation of samples of the product. It does not imply an assessment of the production and it does not permit the use of a mark of conformity or of a safety mark of TÜV NORD. The holder of this document may use it in connection with the related report(s).

Registration no.:	AOCPVP12176/25E-001
Report no.:	TRPVP12176/25E/001
File no.:	PVP12176/25E-001

Hangzhou, 2026-04-13

Certification Body - Renewable Energy

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Annex

to certificate registration no. AOCPVP12176/25E-001

Type designation:	ASN-3.6SL-G2
Software Version:	DSP: B0104, ARM: 3442
Manufacturer:	**Ningbo AUX Solar Technology Co., Ltd.** 1-2&2-7 of Building A, 1-1 on 1F of Building 10, 1-1 on 1F of Building 13; 1-1 on 1F & 2-1on 2F & 3-3 on 3F & 4-4 on 4F of Building 16, No.518 Xinmei Road, Ningbo National Hi-Tech Industrial Development Zone, Zhejiang, China
Factory:	**Ningbo AUX Solar Technology Co., Ltd.** No. 518 Xinmei Road, High-Tech Zone, Ningbo City, Zhejiang Province, China

Hangzhou, 2026-04-13

Certification Body - Renewable Energy

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