CERTIFICATE OF CONFORMITY

Issued to:	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 NationalHi-Tech Industrial Development Zone, Zhejiang, China
For the product:	Hybrid solar inverter
Trade name:	AUXSOL
Type/Model:	ASG-15TL-ZL
Ratings:	See Annex
Manufactured by:	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 NationalHi-Tech Industrial Development Zone, Zhejiang, China
Requirements:	IEC 61683:1999

This Test Certificate is granted on account of an examination by DEKRA, the results of which are laid down in a confidential file no. 6237820.50.

The examination has been carried out on one single specimen of the product. The Attestation does not include an assessment of the manufacturer's production. Conformity of this production with the specimen tested by DEKRA is not the responsibility of DEKRA.

This Test Certificate expires at the latest on 2030-10-14 or expires upon withdrawal of one of the above mentioned standards.

Shanghai, 2025-10-14 Certificate Number: 6237820.01COC

DEKRA Testing and Certification (Shanghai) Ltd.

Kreny Lin
Certification Manager

© Integral publication of this certificate and adjoining reports is allowed

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PCA-141

Annex to 6237820.01COC

Ratings of the test product:

Model	ASG-15TL-ZL
Battery input	
Max. dc Voltage (Vdc)	60
Max. charge / discharge current (A)	300 / 300
Operating voltage range (Vdc)	40 – 60
Strings number of battery input	1
PV input	
Vmax PV (Vdc) (absolute Max.)	1000
Isc PV (absolute Max.) (A)	45 / 45
Max. input current (A)	36 / 36
Max. input power (kW)	22.5
MPPT voltage range (Vdc)	170 – 900
MPPT number / Strings number of MPPT	2 / 4
AC grid (output)	
Nominal output voltage (Vac)	220 / 380, 230 / 400, 3 / N / PE
Frequency (Hz)	50 / 60
Max. output current (A)	22.7
Rated output power (kW)	15
Max. apparent Power (kVA)	15
Power factor (adjustable)	>0.99 (From 0.8 lagging to 0.8 leading)
AC off-grid (output)	
Nominal output voltage (Vac)	220 / 380, 230 / 400, 3 / N / PE
Frequency (Hz)	50 / 60
Max. output current (A)	22.7
Rated output power (kW)	15
Others	
Protective class	I
Ingress protection (IP)	IP66
Operating temperature (°C)	-40 ~ +60
Inverter isolation	Non-isolated
Overvoltage category	DC II / AC III

---------END-------

TL-395

Test Report issued under the responsibility of:

Total Quality. Assured.

TEST REPORT
IEC 61727
Photovoltaic (PV) systems – Characteristics of the utility interface

Report Number. ..... :	250815009GZU-003
Date of issue ..... :	09 Oct 2025
Total number of pages ..... :	23 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 61727:2004
Test procedure ..... :	Type approval
Non-standard test method ..... :	N/A
Test Report Form No. ..... :	IEC61727B
Test Report Form(s) Originator .... :	TÜV SÜD Product Service GmbH
Master TRF ..... :	Dated 2017-11-03

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TL-395

Test Report issued under the responsibility of:

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TEST REPORT
IEC 62116
Test procedure of islanding prevention measures for utility-interconnected photovoltaic inverters

Report Number. .....:	250815009GZU-004
Date of issue .....:	09 Oct 2025
Total number of pages	16 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 62116:2014
Test procedure .....:	Type approval
Non-standard test method.....:	N/A
Test Report Form No.....:	IEC62116B
Test Report Form(s) Originator.....:	TÜV SÜD Product Service GmbH
Master TRF .....:	Dated 2017-11-03

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Certificate of Conformity

Certificate Number: CN-PVES-250398

On the basis of the tests undertaken, the sample<s> of the below product have been found to comply with the requirements of the referenced specification<s>/standard<s> at the time the tests were carried out. It does not imply that Intertek has performed any surveillance or control of the manufacture(s). The manufacturer(s) shall ensure that the manufacturing process assures compliance of the production units with the examined products mentioned in this certificate.

Applicant:	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 & 2-1 on 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
Product:	Hybrid solar inverter
Ratings & Principle Characteristics:	See appendix of Certificate of Conformity
Model:	ASG-15TL-ZL
Brand Name<s>:	AUXSOL
Product Complies with:	IEC 61727:2004 Photovoltaic (PV) systems – Characteristics of the utility interface IEC 62116:2014 Test procedure of islanding prevention measures for utility-interconnected photovoltaic inverters
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 Accredited by ACCREDIA in accordance with ISO/IEC 17065:2012
Test Report No.<s>:	250815009GZU -003, 09 Oct 2025 250815009GZU -004, 09 Oct 2025

Additional information in Appendix.

Signature

Certification Manager: Grady Ye
Date: 11 October 2025

01886

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PVES-250398

Model	ASG-15TL-ZL
PV Input	
Max. input voltage	1000V
MPPT voltage range	170-900V
Max. input current	36A/36A
Max. short circuit current	45A/45A
Input Battery	
Battery type	Li-ion / Lead-acid
Battery voltage range	40-60V
Max.charge/discharge current	300A/300A
Output AC (Grid side)	
Rated output power	15kW
Max. apparent output power	15kVA
Rated grid voltage	3/N/PE, 220/380Vac, 230/400Vac
Rated grid frequency	50Hz/60Hz
Max. output current	22.7A
Power factor	>0.99 default (0.8 leading...0.8 lagging)
Input AC (Grid side)	
Rated input power	15kW
Max. input power	30kW
Max. input current	45.6A
Rated input voltage	3/N/PE, 220/380Vac, 230/400Vac
Rated input frequency	50/60Hz
Output AC (Back-up)	
Rated output power	15kW
Max. output current	22.7A
Rated output voltage	3/N/PE, 220/380Vac, 230/400Vac
Rated frequency	50/60Hz
Ambient temperature range	-40...+60℃
Degree of protection	IP66
Protective Class	Class I
Software Version	DSP: T1001; ARM: T1001

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VERIFICATION REPORT

The requirement on Grid Connection of Provincial Electricity Authority B.E. 2559 (2016)

Report No.	**162/69-068**
Job No.	**SR2054-01**
Laboratory Name	**Electrical and Electronic Products Testing Center**
Address	141 Thailand Science Park, Innovation Cluster 2 Tower D, Phahonyothin Rd., Khlong Nueng, Khlong Luang, Pathum Thani 12120, Thailand
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 NationalHiTech Industrial Development Zone, Zhejiang, China.
Test specification	
Standard	The requirement on Grid Connection of Provincial Electricity Authority Thailand B.E. 2559 (2016)
Non-standard test method	-
Test item description	Hybrid solar inverter
Trademark	AUXSOL
Model and/or type reference	ASG-15TL-ZL
Date of receipt	7 November 2025
Date of report issue	10 November 2025

Prepare by

T. Eakkachai

Eakkachai Taesanoo
Engineer

Approved by

N. Ruengrit

Ruengrit Ninae
Operation Manager

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