

ATTESTATION OF CONFORMITY

Issued to: NINGBO AUSTA SOLAR TECH CO., LTD.
3rd Floor, Building F0005, NO.77, Zhuangxing Road, Jiangbei District, Ningbo,
Zhejiang, P.R.China

For the product: Inverter and Datalogger

Trade name: AUSTA

Type/Model: Inverter: AU3KESL-G2, AU3.6KESL-G2, AU4KESL-G2, AU5KESL-G2,
AU6KESL-G2, AU7KESL-G2, AU7.6KESL-G2, AU8KESL-G2
Datalogger: LSW-5

Software Version: Inverter software version: 1.x.x (Note: x=0-9)
Datalogger software version: LSW5_01_1038_NS_00_xx.xx.xx.xx (Note: x=0-9)

Ratings: See annex

Manufactured by: NINGBO AUSTA SOLAR TECH CO., LTD.
3rd Floor, Building F0005, NO.77, Zhuangxing Road, Jiangbei District, Ningbo,
Zhejiang, P.R.China

Subject: Complete evaluation of electrical system of the appliances

Requirements: EN 18031-1:2024

This Attestation is granted on account of an examination by DEKRA, the results of which are laid down in a test file / test report no 6236795RCS.001 V1.1.

This Attestation implies that the examined types are in accordance with the standards designated under the Radio Equipment Directive 2014/53/EU.

The examination has been carried out on one single specimen or several specimens of the product, submitted by the manufacturer. 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 document does not authorize the use of any DEKRA approved mark.

Arnhem, 8 December 2025

Number: 6236795.01AOC V1.1

DEKRA Testing and Certification (Shanghai) Ltd.



C. Lin
Certification Manager

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Annex

Document no. : 6236795.01AOC V1.1

Ratings:

Datalogger:

- **LSW-5:** Input: 5–12 VDC, 1.5 W

Inverter Models:

- **AU3KESL-G2:** PV: 370V/4.5kW Bat: 48V/3kW AC: 230V/3.3kVA
- **AU3.6KESL-G2:** PV: 370V/5.4kW Bat: 48V/3.6kW AC: 230V/3.96kVA
- **AU4KESL-G2:** PV: 370V/6kW Bat: 48V/4kW AC: 230V/4.4kVA
- **AU5KESL-G2:** PV: 370V/7.5kW Bat: 48V/5kW AC: 230V/5.5kVA
- **AU6KESL-G2:** PV: 370V/9kW Bat: 48V/6kW AC: 230V/6.6kVA
- **AU7KESL-G2:** PV: 370V/10.5kW Bat: 48V/7kW AC: 230V/7.7kVA
- **AU7.6KESL-G2:** PV: 370V/11.4kW Bat: 48V/7.6kW AC: 230V/8.36kVA
- **AU8KESL-G2:** PV: 370V/12kW Bat: 48V/8kW AC: 230V/8.8kVA

End



Product Service

Attestation of Conformity

No. E8A 130415 0001 Rev. 00

Holder of Attestation: **Ningbo Austa Solar Tech Co., Ltd.**
 3rd Floor, Building F0005, NO.77, Zhuangxing Road
 Jiangbei District
 315032 Ningbo, Zhejiang
 PEOPLE'S REPUBLIC OF CHINA

Name of Object: **Converter**
Hybrid Inverter

This Attestation of Conformity is issued on a voluntary basis according to the Directive 2014/30/EU relating to electromagnetic compatibility. It confirms that the listed apparatus complies with the principal protection requirements of the directive and is based on the technical specifications applicable at the time of issuance. It refers only to the particular sample submitted for conformity assessment. For details see: www.tuvsud.com/ps-cert

Test report no.: 4840125207500

Date, 2025-03-18

(Ming Gu)

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This Attestation does not replace the regulatory EU Declaration of Conformity (DoC) and does not allow for CE marking. After preparation of the necessary documentation and establishing compliance to requirements of all applicable directives, the manufacturer may sign a DoC and apply the CE marking. The DoC is issued under the sole responsibility of the manufacturer.



Product Service

Attestation of Conformity

No. E8A 130415 0001 Rev. 00

Model(s):

AU3KESL-G2, AU3.6KESL-G2, AU4KESL-G2, AU5KESL-G2, AU6KESL-G2, AU7KESL-G2, AU7.6KESL-G2, AU8KESL-G2

Description of Object:

DC side max input voltage:

500Vd.c.

DC side max input power:

4.5kW,4.8kW,6kW,7.5kW, 9kW, 10.5Kw,11.4kW,12kW

AC side rated AC voltage:

220/230/240Va.c.

AC side rated active power:

3kW,3.6kW,4kW,5kW, 6kW,7kW,7.6kW,8kW

Protection class:

I

Tested according to:

EN IEC 61000-6-3:2021
 EN IEC 61000-6-2:2019
 EN 61000-3-12:2011/A1:2024
 EN IEC 61000-3-11:2019

CERTIFICATE OF CONFORMITY

Issued to: NINGBO AUSTA SOLAR TECH CO.,LTD.
3rd Floor,Building F0005, NO.77,Zhuangxing Road,Jiangbei
District,Ningbo,Zhejiang, P.R.China

For the product: Hybrid Inverter

Trade name: AUSTA

Type/Model: AU3KESL-G2, AU3.6KESL-G2, AU4KESL-G2, AU5KESL-G2, AU6KESL-G2,
AU7KESL-G2, AU7.6KESL-G2, AU8KESL-G2;

Ratings: See Annex

Manufactured by: NINGBO AUSTA SOLAR TECH CO.,LTD.
3rd Floor,Building F0005, NO.77,Zhuangxing Road,Jiangbei
District,Ningbo,Zhejiang, P.R.China

Requirements: EN 50549-1:2019+A1:2023
EN 50549-10:2022

This Test Certificate is granted on account of an examination by DEKRA, the results of which are laid down in a confidential file no. 6214182.50

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 14 May 2030 or expires upon withdrawal of one of the above mentioned standards.

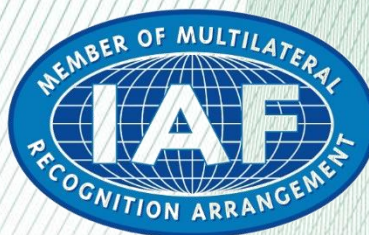
Shanghai, 14 May 2025

Number: 6214182.01COC

DEKRA Testing and Certification (Shanghai) Ltd.


Cliff Lin
Certification Manager

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PCA-141

Annex

Document no. : 6214182.01COC

Type Approval and declaration of compliance with the requirements of EN 50549-1 and Commission Regulation (EU) 2016/631 of 14 April 2016

Model	AU3KESL-G2	AU3.6KESL-G2	AU4KESL-G2	AU5KESL-G2
PV input ratings				
Max. PV input voltage（V）	500			
MPPT voltage range (V)	150-425			
No. of MPPT trace paths	2			
Max. PV input current(A)	18+18			
Max. Short-circuit current (A)	23+23			
AC ratings (Grid)				
Max. AC output apparent power (VA)	3300	3960	4400	5500
Rated output power (W)	3000	3600	4000	5000
Max. AC input current (A)	13.6	16.4	18.2	22.7
Max. AC output current (A)	13.6	16.4	18.2	22.7
Rated AC output current (A)	13.0	15.7	17.4	21.7
Rated output voltage (V)	220/230/240			
Rated output frequency (Hz)	50/60			
Adjustable power factor (cosφ)	0.8 Leading ~ 0.8 Lagging			
AC output ratings (Backup)				
Rated output voltage (V)	230			
Frequency range (Hz)	50/60			
Rated output power (W)	3000	3600	4000	5000
Max. AC output current (A)	13.0	15.7	17.4	21.7
Battery ratings				
Battery type	Lead-acid or Lithium-ion			
Battery voltage range (V)	40~60			
Max charge/discharge current (A)	75	90	100	120
Max charge/discharge power (W)	3000	3600	4000	5000
Environment limit				

Weight (kg)	28.5
Ingress protection (IP) rating	IP66
Operating ambient temperature range	-40 ~ +60(Derating above +45)
Max. operating altitude (m)	<2000
Protective class	AC:Class III; DC:Class II
Firmware version	Ver 1.0.1

Model	AU6KESL-G2	AU7KESL-G2	AU7.6KESL-G2	AU8KESL-G2
PV input ratings				
Max. PV input voltage（V）	500			
MPPT voltage range (V)	150-425			
No. of MPPT trace paths	2			
Max. PV input current(A)	18+18	28+28		
Max. Short-circuit current (A)	23+23	34+34		
AC ratings (Grid)				
Max. AC output apparent power (VA)	6600	7700	8360	8800
Rated output power (W)	6000	7000	7600	8000
Max. AC input current (A)	27.3	31.8	34.5	36.4
Max. AC output current (A)	27.3	31.8	34.5	36.4
Rated AC output current (A)	26.1	30.4	33.0	34.8
Rated output voltage (V)	220/230/240			
Rated output frequency (Hz)	50/60			
Adjustable power factor (cosφ)	0.8 Leading ~ 0.8 Lagging			
AC output ratings (Backup)				
Rated output voltage (V)	230			
Frequency range (Hz)	50/60			
Rated output power (W)	6000	7000	7600	8000
Max. AC output current (A)	26.1	30.4	33.0	34.8
Battery ratings				
Battery type	Lead-acid or Lithium-ion			
Battery voltage range (V)	40~60			

Max charge/discharge current (A)	135	175	190	190
Max charge/discharge power (W)	6000	7000	7600	8000
Environment limit				
Weight (kg)	28.5			
Ingress protection (IP) rating	IP66			
Operating ambient temperature range	-40~+60(Derating above +45)			
Max. operating altitude (m)	<2000			
Protective class	AC:Class III;DC:Class II			
Firmware version	Ver 1.0.1			

--End--

Certificate No.: **LS250095GCC-0**

Date of issue: 2025-08-12

Valid until: Indefinitely

Applicant:	NINGBO AUSTA SOLAR TECH CO., LTD. 3rd Floor, Building F0005, NO.77, Zhuangxing Road, Jiangbei District, Ningbo, Zhejiang, P.R. China		
Product:	Hybrid inverter (PV + DC coupled storage): AU{3~10}KESL-G2		
Model(s):	AU3KESL-G2, AU3.6KESL-G2, AU4KESL-G2, AU5KESL-G2, AU6KESL-G2, AU8KESL-G2, AU10KESL-G2		
Trademark:	AUSTA		
Technical data:	Nominal active output power [kW]: 3 ~ 10 Nominal output AC voltage [V]: 230V (L + N + PE, 50 Hz) (For further details see A.2 on p.2)		
Software version:	DSP:Ver 1.0.0, ARM:Ver 1.0.0		
Applied standard(s) / guideline(s):	IEC 61683:1999 Photovoltaic systems - Power conditioners - Procedure for measuring efficiency IEC 61727:2004 Photovoltaic (PV) systems - Characteristics of the utility interface IEC 62116:2014 Utility-interconnected photovoltaic inverters - Test procedure of islanding prevention measures		
Certification scheme:	CMPD-01		
Test report no.:	LS2A25021747EGIC01 (2025-08-05) LS2A25021747EGIC02 (2025-08-05) LS2A25021747EGIC03 (2025-08-05)		

This certificate confirms that the above-mentioned generating unit(s) with corresponding software meet the requirements of the referenced standard(s) / guideline(s) at the time of issuance of the certificate.

This certificate relates to type testing and does not imply LYNS's endorsement, approval, certification or on-going control of the product(s), either in terms of performance, design, manufacture or materials used. This certificate and the results stated herein relate solely to the sample product(s) tested and to the specific tests undertaken.

The certificate will remain valid for the stated period providing no changes are made to the product, production method etc. This certificate is only valid when this is also found at <http://www.lyns-tci.com/en/certificate-search> or contact Lyns-tci Technology Guangdong Co., Ltd..

This certificate is for the exclusive use of LYNS's Client and is provided pursuant to the agreement between LYNS and its Client. LYNS's responsibility and liability are limited to the terms and conditions of the agreement. LYNS assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned using this verification.

The certificate is comprised of 3 pages (including Annex of 2 pages).

Dongguan, 2025-08-12

Digitally signed by
Weizhao Zheng
Date: 2025.08.12
21:03:11 +08'00'

Dipl.-Ing. Weizhao Zheng
Head of certification body



Certification body Lyns-tci Technology Guangdong Co., Ltd. accredited according to ISO/IEC 17065 for product certification.

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A.1 Revision history of the certificate

Rev. No.	Date	Changes	Status
Rev. 0	2025-08-12	Initial issue	Active

A.2 Technical data of the power generating unit(s)

Product family	AU{3~10}KESL-G2			
Model	AU3KESL-G2	AU3.6KESL-G2	AU4KESL-G2	AU5KESL-G2
DC input (PV)				
Max. DC input voltage [V]	500			
Operating MPPT voltage range [V]	150 ~ 425			
Nominal DC Operating Voltage [V]	370			
Max. input DC current [A]	18 / 18			
Battery connection				
Battery voltage range [V]	40 ~ 60			
Max. Charge/Discharge Current [A]	75	90	100	120
Battery type	Lead-acid or Lithium-ion			
EPS Output				
No. of phases	☒ Single-phase ☐ Three-phase			
Nominal AC voltage [V]	230V (L + N + PE, 50 Hz)			
Nominal active output power [kW]	3.0	3.6	4.0	5.0
Max Output Current [A]	13.0	15.7	17.4	21.7
AC Input / Output				
No. of phases	☒ Single-phase ☐ Three-phase			
Nominal AC voltage [V]	230V (L + N + PE, 50 Hz)			
Max. input / output AC current [A]	13.6	16.4	18.2	22.7
Nominal active input / output power [kW]	3.0	3.6	4.0	5.0
Max. apparent input / output power [kVA]	3.3	3.96	4.4	5.5
Model	AU6KESL-G2	AU8KESL-G2	AU10KESL-G2	
DC input (PV)				
Max. DC input voltage [V]	500			
Operating MPPT voltage range [V]	150 ~ 425			
Nominal DC Operating Voltage [V]	370			
Max. input DC current [A]	18 / 18	28 / 28		
Battery connection				
Battery voltage range [V]	40 ~ 60			
Max. Charge/Discharge Current [A]	135	190	210	
Battery type	Lead-acid or Lithium-ion			
EPS Output				
No. of phases	☒ Single-phase ☐ Three-phase			
Nominal AC voltage [V]	230V (L + N + PE, 50 Hz)			
Nominal active output power [kW]	6.0	8.0	10.0	
Max Output Current [A]	26.1	34.8	43.5	
AC Input / Output				
No. of phases	☒ Single-phase ☐ Three-phase			
Nominal AC voltage [V]	230V (L + N + PE, 50 Hz)			

Annex to the Certificate No.: **LS250095GCC-0**

Max. input / output AC current [A]	27.3	36.4	47.8
Nominal active input / output power [kW]	6.0	8.0	10.0
Max. apparent input / output power [kVA]	6.6	8.8	11.0
Operating temperature range	-40°C ~ +60°C		
Degree of protection	IP66 (according to EN 60529)		
Protection class	I (according to IEC 62109-1)		
Over voltage category	AC: III; DC: II (according to IEC 62109-1)		
Topology	PV: Non-isolated BAT: Isolated		
Firmware version	DSP:Ver 1.0.0, ARM:Ver 1.0.0		
Manufacturer	NINGBO AUSTA SOLAR TECH CO., LTD. 3rd Floor, Building F0005, NO.77, Zhuangxing Road, Jiangbei District, Ningbo, Zhejiang, P.R. China		

A.3 Remarks for type testing

Testing laboratory	Lyns-tci Technology Guangdong Co., Ltd. Room 1201, Unit 2, Building 18, No. 7, Science and Technology Boulevard, Houjie Town, Dongguan City, Guangdong, 523960 P.R.C (Accredited acc. ISO/IEC 17025: A2LA Accreditation no. 5200.02)
Testing location	Same as above
Measurement period	2025-02-21 - 2025-07-30

ATTESTATION OF CONFORMITY

Issued to: NINGBO AUSTA SOLAR TECH CO., LTD.
3rd Floor, Building F0005, No.77, Zhuangxing Road, Jiangbei District, Ningbo,
Zhejiang, P.R. China

For the product: Hybrid Inverter

Trade name: **AUSTA**

Type/Model: AU3KESL-G2, AU3.6KESL-G2, AU4KESL-G2, AU5KESL-G2
AU6KESL-G2, AU7KESL-G2, AU7.6KESL-G2, AU8KESL-G2

Ratings: See Annex

Manufactured by: NINGBO AUSTA SOLAR TECH CO., LTD.
3rd Floor, Building F0005, No.77, Zhuangxing Road, Jiangbei District, Ningbo,
Zhejiang, P.R. China

Subject: Complete evaluation of electrical system of the appliances

Requirements: IEC 62109-1:2010, EN 62109-1:2010
IEC 62109-2:2011, EN 62109-2:2011

This Attestation is granted on account of an examination by DEKRA, the results of which are laid down in a test file / test report no. 6214181.50, 6214181.51

This Attestation implies that the examined types are in accordance with the standards designated under the Low Voltage Directive (LVD) 2014/35/EU.

The examination has been carried out on one single specimen or several specimens of the product, submitted by the manufacturer. 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 document does not authorize the use of any DEKRA approved mark.

Arnhem, 14 March 2025

Number: 6214181.01AOC

DEKRA Testing and Certification (Shanghai) Ltd.

Cliff Lin
Certification Manager

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Annex

Document no. : 6214181.01AOC

Ratings:

Model	AU3KESL-G2	AU3.6KESL-G2	AU4KESL-G2	AU5KESL-G2
PV input ratings				
Max input power (W)	4500	4800	6000	7500
Max input voltage (V)	500			
MPPT voltage range (V)	150-425			
Max input current (A)	18*2			
Max short-circuits current (A)	23*2			
Number of MPP Trackers	2			
Strings per MPP Tracker	1+1			
AC input / output ratings (Grid)				
Max apparent power (VA)	3300	3960	4400	5500
Rated active power (W)	3000	3600	4000	5000
Rated AC voltage (V)	220 / 230 / 240			
Rated AC frequency (Hz)	50 / 60			
Max AC current (A)	13,6	16,4	18,2	22,7
Power factor (cosφ)	0,8su...0,8ab			
EPS ratings (Backup)				
Rated active power (W)	3000	3600	4000	5000
Rated output voltage (V)	230			
Rated output frequency (Hz)	50 / 60			
Max output current (A)	13,0	15,7	17,4	21,7
Battery ratings				
Battery type	Li-ion or Lead-acid			
Battery voltage range (V)	40-60			
Max charge/discharge current (A)	75 / 75	90 / 90	100 / 100	120 / 120
General Data				
Topology	Non-isolated for PV side Isolated for BAT side			

Protective class	Class I
Ingress protection (IP) rating	IP66
Operating temperature	-40~60°C (45~60°C Derating)
Altitude (m)	<2000
Dimension (W*D*H, mm)	505*420*236
Max weight (kg)	28,5

Ratings:

Model	AU6KESL-G2	AU7KESL-G2	AU7.6KESL-G2	AU8KESL-G2
PV input ratings				
Max input power (W)	9000	10500	11400	12000
Max input voltage (V)	500			
MPPT voltage range (V)	150-425			
Max input current (A)	18*2	28*2		
Max short-circuits current (A)	23*2	34*2		
Number of MPP Trackers	2	2		
Strings per MPP Tracker	1+1	2+2		
AC input / output ratings (Grid)				
Max apparent power (VA)	6600	7700	8360	8800
Rated active power (W)	6000	7000	7600	8000
Rated AC voltage (V)	220 / 230 / 240			
Rated AC frequency (Hz)	50 / 60			
Max AC current (A)	27,3	31,8	34,5	36,4
Power factor (cosφ)	0,8su...0,8ab			
EPS ratings (Backup)				
Rated active power (W)	6000	7000	7600	8000
Rated output voltage (V)	230			
Rated output frequency (Hz)	50 / 60			
Max output current (A)	26,1	30,4	33,0	34,8
Battery ratings				
Battery type	Li-ion or Lead-acid			
Battery voltage range (V)	40-60			
Max charge/discharge current (A)	135 / 135	175 / 175	190 / 190	190 /190

General Data	
Topology	Non-isolated for PV side Isolated for BAT side
Protective class	Class I
Ingress protection (IP) rating	IP66
Operating temperature	-40~60°C (45~60°C Derating)
Altitude (m)	<2000
Dimension (W*D*H, mm)	505*420*236
Max weight (kg)	28,5

End