

# CERTIFICATE OF CONFORMITY

Issued to: NINGBO AUSTA SOLAR TECH CO.,LTD.  
1-1, No.136, Haichuan Road,Jiangbei District, Ningbo, Zhejiang, P.R.China

For the product: Grid-Connected Hybrid Inverter

Trade name:

**Austa**

or

**austa**

Type/Model: AU4KETH, AU5KETH, AU6KETH, AU8KETH,  
AU10KETH, AU12KETH, AU15KETH

Ratings: See Annex

Manufactured by: NINGBO AUSTA SOLAR TECH CO.,LTD.  
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Requirements: EN 50549-1:2019

This Test Certificate is granted on account of an examination by DEKRA, the results of which are laid down in a confidential file no. 6181802.50.

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 his production with the specimen tested by DEKRA is not the responsibility of DEKRA.

This Test Certificate expires at the latest on 2029-04-02 or expires upon withdrawal of one of the above mentioned standards.

Shanghai, 2024-04-02

Number: 6181802.01COC

DEKRA Testing and Certification (Shanghai) Ltd.

  
Cliff Lin  
Certification Manager

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Accreditation of the certification body by IAS according to ISO/IEC 17065 for products.

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PCA-141

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## Ratings of the test product:

Operating temperature range: - 25°C to + 60°C  
Protective class: I  
Ingress protection rating: IP66  
Power factor range (adjustable): 0.8 leading...0.8 lagging  
Over Voltage Category: III (AC), II (DC)

### AU4KETH:

PV input: max 1000 Vdc, MPPT voltage range: 160~950 Vdc, nominal operating voltage: 620 Vdc, max 18 A / 18 A, I<sub>sc</sub> PV: 23 A / 23 A  
Battery: type: Lithium, voltage range: 160~700 Vdc, max charge / discharge current: 30 A  
AC input: 3L/N/PE, 400 / 380 Vac, 50 / 60 Hz, max 12.2 A, max input power 8000 VA  
AC output: 3L/N/PE, 400 / 380 Vac, 50 / 60 Hz, max 6.7 A, max continuous apparent power 4400 VA  
EPS: 3L/N/PE, 400 / 380 Vac, 50 / 60 Hz, max 6.1 A, max continuous apparent power 4000 VA

### AU5KETH:

PV input: max 1000 Vdc, MPPT voltage range: 160~950 Vdc, nominal operating voltage: 620 Vdc, max 18 A / 18 A, I<sub>sc</sub> PV: 23 A / 23 A  
Battery: type: Lithium, voltage range: 160~700 Vdc, max charge / discharge current: 30 A  
AC input: 3L/N/PE, 400 / 380 Vac, 50 / 60 Hz, max 15.2 A, max input power 10000 VA  
AC output: 3L/N/PE, 400 / 380 Vac, 50 / 60 Hz, max 8.3 A, max continuous apparent power 5500 VA  
EPS: 3L/N/PE, 400 / 380 Vac, 50 / 60 Hz, max 7.6 A, max continuous apparent power 5000 VA

### AU6KETH:

PV input: max 1000 Vdc, MPPT voltage range: 160~950 Vdc, nominal operating voltage: 620 Vdc, max 18 A / 18 A, I<sub>sc</sub> PV: 23 A / 23 A  
Battery: type: Lithium, voltage range: 160~700 Vdc, max charge / discharge current: 30 A  
AC input: 3L/N/PE, 400 / 380 Vac, 50 / 60 Hz, max 18.2 A, max input power 12000 VA  
AC output: 3L/N/PE, 400 / 380 Vac, 50 / 60 Hz, max 10 A, max continuous apparent power 6600 VA  
EPS: 3L/N/PE, 400 / 380 Vac, 50 / 60 Hz, max 9.1 A, max continuous apparent power 6000 VA

### AU8KETH:

PV input: max 1000 Vdc, MPPT voltage range: 160~950 Vdc, nominal operating voltage: 620 Vdc, max 18 A / 18 A, I<sub>sc</sub> PV: 23 A / 23 A  
Battery: type: Lithium, voltage range: 160~700 Vdc, max charge / discharge current: 30 A  
AC input: 3L/N/PE, 400 / 380 Vac, 50 / 60 Hz, max 24.3 A, max input power 16000 VA  
AC output: 3L/N/PE, 400 / 380 Vac, 50 / 60 Hz, max 13.3 A, max continuous apparent power 8800 VA  
EPS: 3L/N/PE, 400 / 380 Vac, 50 / 60 Hz, max 12.1 A, max continuous apparent power 8000 VA

### AU10KETH:

PV input: max 1000 Vdc, MPPT voltage range: 160~950 Vdc, nominal operating voltage: 620 Vdc, max 18 A / 18 A, I<sub>sc</sub> PV: 23 A / 23 A  
Battery: type: Lithium, voltage range: 160~700 Vdc, max charge / discharge current: 30 A  
AC input: 3L/N/PE, 400 / 380 Vac, 50 / 60 Hz, max 30.3 A, max input power 20000 VA  
AC output: 3L/N/PE, 400 / 380 Vac, 50 / 60 Hz, max 16.5 A, max continuous apparent power 11000 VA  
EPS: 3L/N/PE, 400 / 380 Vac, 50 / 60 Hz, max 15.2 A, max continuous apparent power 10000 VA

### AU12KETH:

PV input: max 1000 Vdc, MPPT voltage range: 160~950 Vdc, nominal operating voltage: 620 Vdc, max 18 A / 36 A, I<sub>sc</sub> PV: 23 A / 46 A  
Battery: type: Lithium, voltage range: 160~700 Vdc, max charge / discharge current: 30 A  
AC input: 3L/N/PE, 400 / 380 Vac, 50 / 60 Hz, max 36.4 A, max input power 24000 VA  
AC output: 3L/N/PE, 400 / 380 Vac, 50 / 60 Hz, max 20 A, max continuous apparent power 13200 VA  
EPS: 3L/N/PE, 400 / 380 Vac, 50 / 60 Hz, max 18.2 A, max continuous apparent power 12000 VA

### AU15KETH:

PV input: max 1000 Vdc, MPPT voltage range: 160~950 Vdc, nominal operating voltage: 620 Vdc, max 18 A / 36 A, I<sub>sc</sub> PV: 23 A / 46 A  
Battery: type: Lithium, voltage range: 160~700 Vdc, max charge / discharge current: 30 A  
AC input: 3L/N/PE, 400 / 380 Vac, 50 / 60 Hz, max 45.5 A, max input power 30000 VA  
AC output: 3L/N/PE, 400 / 380 Vac, 50 / 60 Hz, max 25 A, max continuous apparent power 16500 VA  
EPS: 3L/N/PE, 400 / 380 Vac, 50 / 60 Hz, max 22.7 A, max continuous apparent power 15000 VA

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