

CERTIFICATE OF CONFORMITY

Issued to: FOXESS CO., LTD.
No.939, Jinhai Third Road, New Airport Industry Area, Longwan District, Wenzhou,
Zhejiang, China

For the product: Storage Inverter

Trade name: 

Type/Model: KH7, KH8, KH9, KH10, KH10.5, KA7, KA8, KA9, KA10, KA10.5

Ratings: See Annex

Manufactured by: FOXESS CO., LTD.
No.939, Jinhai Third Road, New Airport Industry Area, Longwan District, Wenzhou,
Zhejiang, China

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. 6184676.50.

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 27 May 2029 or expires upon withdrawal of one of the above mentioned standards.

Shanghai, 27 May 2024

Number: 6184676.01COC

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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ESA-CER-F021 v4.1



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: IP65

Power factor range (adjustable): 0.8 leading...0.8 lagging

Over Voltage Category: III (AC), II (DC)

KH7:

PV input: max 600 Vdc, MPPT voltage range: 80~500 Vdc, nominal operating voltage: 360 Vdc, max 16 / 16 / 16 A, Isc PV: 20 / 20 / 20 A

Battery: type: Lithium-Ion, voltage range: 85~480 Vdc, max charge/discharge current: 50 A / 50 A

AC input: 220 / 230 / 240 Vac, 50 / 60 Hz, max 60.9 A, max apparent power 14000 VA

AC output: 220 / 230 / 240 Vac, 50 / 60 Hz, max 33.5 A, Rated power 7000 W, max apparent power 7700 VA

EPS output: 220 / 230 / 240 Vac, 50 / 60 Hz, max 31.8 A, max apparent power 7000 VA

KH8:

PV input: max 600 Vdc, MPPT voltage range: 80~500 Vdc, nominal operating voltage: 360 Vdc, max 16 / 16 / 16 A, Isc PV: 20 / 20 / 20 A

Battery: type: Lithium-Ion, voltage range: 85~480 Vdc, max charge/discharge current: 50 A / 50 A

AC input: 220 / 230 / 240 Vac, 50 / 60 Hz, max 69.6 A, max apparent power 16000 VA

AC output: 220 / 230 / 240 Vac, 50 / 60 Hz, max 38.3 A, Rated power 8000 W, max apparent power 8800 VA

EPS output: 220 / 230 / 240 Vac, 50 / 60 Hz, max 36.4 A, max apparent power 8000 VA

KH9:

PV input: max 600 Vdc, MPPT voltage range: 80~500 Vdc, nominal operating voltage: 360 Vdc, max 16 / 16 / 16 / 16 A, Isc PV: 20 / 20 / 20 / 20 A

Battery: type: Lithium-Ion, voltage range: 85~480 Vdc, max charge/discharge current: 50 A / 50 A

AC input: 220 / 230 / 240 Vac, 50 / 60 Hz, max 78.3 A, max apparent power 18000 VA

AC output: 220 / 230 / 240 Vac, 50 / 60 Hz, max 43.0 A, Rated power 9000 W, max apparent power 9900 VA

EPS output: 220 / 230 / 240 Vac, 50 / 60 Hz, max 40.9 A, max apparent power 9000 VA

KH10:

PV input: max 600 Vdc, MPPT voltage range: 80~500 Vdc, nominal operating voltage: 360 Vdc, max 16 / 16 / 16 / 16 A, Isc PV: 20 / 20 / 20 / 20 A

Battery: type: Lithium-Ion, voltage range: 85~480 Vdc, max charge/discharge current: 50 A / 50 A

AC input: 220 / 230 / 240 Vac, 50 / 60 Hz, max 78.3 A, max apparent power 18000 VA

AC output: 220 / 230 / 240 Vac, 50 / 60 Hz, max 45.7 A, Rated power 10000 W, max apparent power 10500 VA

EPS output: 220 / 230 / 240 Vac, 50 / 60 Hz, max 45.5 A, max apparent power 10000 VA

KH10.5:

PV input: max 600 Vdc, MPPT voltage range: 80~500 Vdc, nominal operating voltage: 360 Vdc, max 16 / 16 / 16 / 16 A, Isc PV: 20 / 20 / 20 / 20 A

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Battery: type: Lithium-Ion, voltage range: 85~480 Vdc, max charge/discharge current: 50 A / 50 A
AC input: 220 / 230 / 240 Vac, 50 / 60 Hz, max 78.3 A, max apparent power 18000 VA
AC output: 220 / 230 / 240 Vac, 50 / 60 Hz, max 47.7 A, Rated power 10500 W,
max apparent power 10500 VA
EPS output: 220 / 230 / 240 Vac, 50 / 60 Hz, max 47.7 A, max apparent power 10500 VA

KA7:

Battery: type: Lithium-Ion, voltage range: 85~480 Vdc, max charge/discharge current: 50 A / 50 A
AC input: 220 / 230 / 240 Vac, 50 / 60 Hz, max 60.9 A, max apparent power 14000 VA
AC output: 220 / 230 / 240 Vac, 50 / 60 Hz, max 33.5 A, Rated power 7000 W,
max apparent power 7700 VA
EPS output: 220 / 230 / 240 Vac, 50 / 60 Hz, max 31.8 A, max apparent power 7000 VA

KA8:

Battery: type: Lithium-Ion, voltage range: 85~480 Vdc, max charge/discharge current: 50 A / 50 A
AC input: 220 / 230 / 240 Vac, 50 / 60 Hz, max 69.6 A, max apparent power 16000 VA
AC output: 220 / 230 / 240 Vac, 50 / 60 Hz, max 38.3 A, Rated power 8000 W,
max apparent power 8800 VA
EPS output: 220 / 230 / 240 Vac, 50 / 60 Hz, max 36.4 A, max apparent power 8000 VA

KA9:

Battery: type: Lithium-Ion, voltage range: 85~480 Vdc, max charge/discharge current: 50 A / 50 A
AC input: 220 / 230 / 240 Vac, 50 / 60 Hz, max 78.3 A, max apparent power 18000 VA
AC output: 220 / 230 / 240 Vac, 50 / 60 Hz, max 43.0 A, Rated power 9000 W,
max apparent power 9900 VA
EPS output: 220 / 230 / 240 Vac, 50 / 60 Hz, max 40.9 A, max apparent power 9000 VA

KA10:

Battery: type: Lithium-Ion, voltage range: 85~480 Vdc, max charge/discharge current: 50 A / 50 A
AC input: 220 / 230 / 240 Vac, 50 / 60 Hz, max 78.3 A, max apparent power 18000 VA
AC output: 220 / 230 / 240 Vac, 50 / 60 Hz, max 45.7 A, Rated power 10000 W,
max apparent power 10500 VA
EPS output: 220 / 230 / 240 Vac, 50 / 60 Hz, max 45.5 A, max apparent power 10000 VA

KA10.5:

Battery: type: Lithium-Ion, voltage range: 85~480 Vdc, max charge/discharge current: 50 A / 50 A
AC input: 220 / 230 / 240 Vac, 50 / 60 Hz, max 78.3 A, max apparent power 18000 VA
AC output: 220 / 230 / 240 Vac, 50 / 60 Hz, max 47.7 A, Rated power 10500 W,
max apparent power 10500 VA
EPS output: 220 / 230 / 240 Vac, 50 / 60 Hz, max 47.7 A, max apparent power 10500 VA

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