

ATTESTATION OF CONFORMITY

Issued to: FOXESS Co., Ltd.
No.939, Jinhai Third Road, New Airport Industry Area, Longwan District, Wenzhou City, Zhejiang Province, P.R. China.

For the product: Storage Inverter



Trade name:

Type/Model: H3-5.0-E, H3-6.0-E, H3-8.0-E, H3-10.0-E, H3-12.0-E, AC3-5.0-E, AC3-6.0-E, AC3-8.0-E, AC3-10.0-E, AC3-12.0-E

Ratings: See Annex

Manufactured by: FOXESS Co., Ltd.
No.939, Jinhai Third Road, New Airport Industry Area, Longwan District, Wenzhou City, Zhejiang Province, P.R. China.

Requirements: BS EN 62109-1:2010
BS EN 62109-2:2011
BS EN 62477-1:2012+A12:2021
EN 62109-1:2010
EN 62109-2:2011
EN 62477-1:2012+A1:2017

This Attestation is granted on account of an examination by DEKRA, the results of which are laid down in a confidential file no. 6143757.50(A-C)

This Attestation implies that the examined types are in accordance with the standards designated under the Electrical Equipment (Safety) Regulations 2016.

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

The UKCA marking may be affixed on the product if all relevant and effective UK regulations are complied with.

Arnhem, 14 December 2022

Number: 6143757.02AOC

DEKRA Testing and Certification (Shanghai) Ltd.,

Kreny Lin
Certification Manager

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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)

H3-5.0-E:

PV input: max 1000 Vdc, MPPT voltage range: 160-950 Vdc, max 14 A/14 A, Isc PV: 16 A/16 A

Battery: voltage range: 180-600 Vdc, max charge/discharge current: 26 A, type: Lithium battery

AC input: 230/400 Vac, 3L/N/PE, 50/60 Hz, max 15.2 A, max apparent power 10000 VA

AC output: 230/400 Vac, 3L/N/PE, 50/60 Hz, max 8.0 A, max active power 5000 W, max apparent power 5500 VA

EPS output: 230/400 Vac, 3L/N/PE, 50/60 Hz, max 15.2 A, max apparent power 10000 VA

H3-6.0-E:

PV input: max 1000 Vdc, MPPT voltage range: 160-950 Vdc, max 14 A/14 A, Isc PV: 16 A/16 A

Battery: voltage range: 180-600 Vdc, max charge/discharge current: 26 A, type: Lithium battery

AC input: 230/400 Vac, 3L/N/PE, 50/60 Hz, max 18.2 A, max apparent power 12000 VA

AC output: 230/400 Vac, 3L/N/PE, 50/60 Hz, max 9.6 A, max active power 6000 W, max apparent power 6600 VA

EPS output: 230/400 Vac, 3L/N/PE, 50/60 Hz, max 18.2 A, max apparent power 12000 VA

H3-8.0-E:

PV input: max 1000 Vdc, MPPT voltage range: 160-950 Vdc, max 26 A/14 A, Isc PV: 32 A/16 A

Battery: voltage range: 180-600 Vdc, max charge/discharge current: 26 A, type: Lithium battery

AC input: 230/400 Vac, 3L/N/PE, 50/60 Hz, max 24.2 A, max apparent power 16000 VA

AC output: 230/400 Vac, 3L/N/PE, 50/60 Hz, max 12.8 A, max active power 8000 W, max apparent power 8800 VA

EPS output: 230/400 Vac, 3L/N/PE, 50/60 Hz, max 21.2 A, max apparent power 14000 VA

H3-10.0-E:

PV input: max 1000 Vdc, MPPT voltage range: 160-950 Vdc, max 26 A/14 A, Isc PV: 32 A/16 A

Battery: voltage range: 180-600 Vdc, max charge/discharge current: 26 A, type: Lithium battery

AC input: 230/400 Vac, 3L/N/PE, 50/60 Hz, max 24.2 A, max apparent power 16000 VA

AC output: 230/400 Vac, 3L/N/PE, 50/60 Hz, max 16.0 A, max active power 10000 W, max apparent power 11000 VA

EPS output: 230/400 Vac, 3L/N/PE, 50/60 Hz, max 22.7 A, max apparent power 15000 VA

H3-12.0-E:

PV input: max 1000 Vdc, MPPT voltage range: 160-950 Vdc, max 26 A/14 A, Isc PV: 32 A/16 A

Battery: voltage range: 180-600 Vdc, max charge/discharge current: 26 A, type: Lithium battery

AC input: 230/400 Vac, 3L/N/PE, 50/60 Hz, max 24.2 A, max apparent power 16000 VA

AC output: 230/400 Vac, 3L/N/PE, 50/60 Hz, max 19.2 A, max active power 12000 W, max apparent power 13200 VA

EPS output: 230/400 Vac, 3L/N/PE, 50/60 Hz, max 22.7 A, max apparent power 15000 VA

AC3-5.0-E:

Battery: voltage range: 180-600 Vdc, max charge/discharge current: 26 A, type: Lithium battery

AC input: 230/400 Vac, 3L/N/PE, 50/60 Hz, max 15.2 A, max apparent power 10000 VA

AC output: 230/400 Vac, 3L/N/PE, 50/60 Hz, max 8.0 A, max active power 5000 W, max apparent power 5500 VA

EPS output: 230/400 Vac, 3L/N/PE, 50/60 Hz, max 15.2 A, max apparent power 10000 VA

AC3-6.0-E:

Battery: voltage range: 180-600 Vdc, max charge/discharge current: 26 A, type: Lithium battery

AC input: 230/400 Vac, 3L/N/PE, 50/60 Hz, max 18.2 A, max apparent power 12000 VA

AC output: 230/400 Vac, 3L/N/PE, 50/60 Hz, max 9.6 A, max active power 6000 W, max apparent power 6600 VA

EPS output: 230/400 Vac, 3L/N/PE, 50/60 Hz, max 18.2 A, max apparent power 12000 VA

AC3-8.0-E:

Battery: voltage range: 180-600 Vdc, max charge/discharge current: 26 A, type: Lithium battery

AC input: 230/400 Vac, 3L/N/PE, 50/60 Hz, max 24.2 A, max apparent power 16000 VA

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AC output: 230/400 Vac, 3L/N/PE, 50/60 Hz, max 12.8 A, max active power 8000 W, max apparent power 8800 VA

EPS output: 230/400 Vac, 3L/N/PE, 50/60 Hz, max 21.2 A, max apparent power 14000 VA

AC3-10.0-E:

Battery: voltage range: 180-600 Vdc, max charge/discharge current: 26 A, type: Lithium battery

AC input: 230/400 Vac, 3L/N/PE, 50/60 Hz, max 24.2 A, max apparent power 16000 VA

AC output: 230/400 Vac, 3L/N/PE, 50/60 Hz, max 16.0 A, max active power 10000 W, max apparent power 11000 VA

EPS output: 230/400 Vac, 3L/N/PE, 50/60 Hz, max 22.7 A, max apparent power 15000 VA

AC3-12.0-E:

Battery: voltage range: 180-600 Vdc, max charge/discharge current: 26 A, type: Lithium battery

AC input: 230/400 Vac, 3L/N/PE, 50/60 Hz, max 24.2 A, max apparent power 16000 VA

AC output: 230/400 Vac, 3L/N/PE, 50/60 Hz, max 19.2 A, max active power 12000 W, max apparent power 13200 VA

EPS output: 230/400 Vac, 3L/N/PE, 50/60 Hz, max 22.7 A, max apparent power 15000 VA26.1 A

End