

# 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: H3-Pro-10.0, H3-Pro-12.0, H3-Pro-15.0, H3-Pro-20.0, H3-Pro-22.0, H3-Pro-24.9,  
H3-Pro-25.0, H3-Pro-29.9, H3-Pro-30.0  
AC3-Pro-10.0, AC3-Pro-12.0, AC3-Pro-15.0, AC3-Pro-20.0, AC3-Pro-22.0,  
AC3-Pro-24.9, AC3-Pro-25.0, AC3-Pro-29.9, AC3-Pro-30.0

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. 6166527.50.

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 26 January 2029 or expires upon withdrawal of one of the above mentioned standards.

Shanghai, 26 January 2024

Number: 6166527.01COC

DEKRA Testing and Certification (Shanghai) Ltd.

  
Cliff Lin  
Certification Manager

© Integral publication of this certificate and adjoining reports is allowed

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

DEKRA Testing and Certification (Shanghai) Ltd.

3F #250 Jiangchangsan Road Building 16 Headquarter Economy Park Shibe Hi-Tech Park, Jing'an District, Shanghai 200436 China

T +86 21 6056 7600 F +86 21 6056 7555 [www.dekra-product-safety.com](http://www.dekra-product-safety.com)

ESA-CER-F021 v1.0



PCA-141

Document no. : 6166527.01COC

## **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)

### **H3-Pro-10.0:**

PV input: max 1000 Vdc, MPPT voltage range: 150~850 Vdc, nominal operating voltage: 750 Vdc, max 16 A / 16 A / 16 A, Isc PV: 20 A / 20 A / 20 A

Battery: type: Lithium battery, voltage range: 150~800 Vdc, max charge/discharge current: 50 A / 50 A

AC input: 3L/N/PE, 220 / 380, 230 / 400 Vac, 50 / 60 Hz, max 22.7 A (Per phase), max apparent power 15000 VA

AC output: 3L/N/PE, 220 / 380, 230 / 400 Vac, 50 / 60 Hz, max 16.7 A (Per phase), max power 10000 W, max apparent power 11000 VA

EPS output: 3L/N/PE, 220 / 380, 230 / 400 Vac, 50 / 60 Hz, max 15.2 A (Per phase), max apparent power 10000 VA

### **H3-Pro-12.0:**

PV input: max 1000 Vdc, MPPT voltage range: 150~850 Vdc, nominal operating voltage: 750 Vdc, max 16 A / 16 A / 16 A, Isc PV: 20 A / 20 A / 20 A

Battery: type: Lithium battery, voltage range: 150~800 Vdc, max charge/discharge current: 50 A / 50 A

AC input: 3L/N/PE, 220 / 380, 230 / 400 Vac, 50 / 60 Hz, max 27.3 A (Per phase), max apparent power 18000 VA

AC output: 3L/N/PE, 220 / 380, 230 / 400 Vac, 50 / 60 Hz, max 20.0 A (Per phase), max power 12000 W, max apparent power 13200 VA

EPS output: 3L/N/PE, 220 / 380, 230 / 400 Vac, 50 / 60 Hz, max 18.2 A (Per phase), max apparent power 12000 VA

### **H3-Pro-15.0:**

PV input: max 1000 Vdc, MPPT voltage range: 150~850 Vdc, nominal operating voltage: 750 Vdc, max 32 A / 32 A / 32 A, Isc PV: 40 A / 40 A / 40 A

Battery: type: Lithium battery, voltage range: 150~800 Vdc, max charge/discharge current: 2\*50 A / 2\*50 A

AC input: 3L/N/PE, 220 / 380, 230 / 400 Vac, 50 / 60 Hz, max 34.1 A (Per phase), max apparent power 22500 VA

AC output: 3L/N/PE, 220 / 380, 230 / 400 Vac, 50 / 60 Hz, max 25.0 A (Per phase), max power 15000 W, max apparent power 16500 VA

EPS output: 3L/N/PE, 220 / 380, 230 / 400 Vac, 50 / 60 Hz, max 22.7 A (Per phase), max apparent power 15000 VA

### **H3-Pro-20.0:**

PV input: max 1000 Vdc, MPPT voltage range: 150~850 Vdc, nominal operating voltage: 750 Vdc, max 32 A / 32 A / 32 A, Isc PV: 40 A / 40 A / 40 A

Battery: type: Lithium battery, voltage range: 150~800 Vdc, max charge/discharge current: 2\*50 A / 2\*50 A

AC input: 3L/N/PE, 220 / 380, 230 / 400 Vac, 50 / 60 Hz, max 45.5 A (Per phase), max apparent power 30000 VA

AC output: 3L/N/PE, 220 / 380, 230 / 400 Vac, 50 / 60 Hz, max 33.3 A (Per phase), max power 20000 W, max apparent power 22000 VA

EPS output: 3L/N/PE, 220 / 380, 230 / 400 Vac, 50 / 60 Hz, max 30.3 A (Per phase), max apparent power 20000 VA

### **H3-Pro-22.0:**

PV input: max 1000 Vdc, MPPT voltage range: 150~850 Vdc, nominal operating voltage: 750 Vdc, max 32 A / 32 A / 32 A, Isc PV: 40 A / 40 A / 40 A

Battery: type: Lithium battery, voltage range: 150~800 Vdc, max charge/discharge current: 2\*50 A / 2\*50 A



Document no. : 6166527.01COC

AC input: 3L/N/PE, 220 / 380, 230 / 400 Vac, 50 / 60 Hz, max 50.0 A (Per phase),  
max apparent power 33000 VA

AC output: 3L/N/PE, 220 / 380, 230 / 400 Vac, 50 / 60 Hz, max 36.7 A (Per phase), max power 22000 W,  
max apparent power 24200 VA

EPS output: 3L/N/PE, 220 / 380, 230 / 400 Vac, 50 / 60 Hz, max 33.3 A (Per phase),  
max apparent power 22000 VA

#### H3-Pro-24.9:

PV input: max 1000 Vdc, MPPT voltage range: 150~850 Vdc, nominal operating voltage: 750 Vdc,  
max 32 A / 32 A / 32 A, Isc PV: 40 A / 40 A / 40 A

Battery: type: Lithium battery, voltage range: 150~800 Vdc, max charge/discharge current: 2\*50 A / 2\*50 A

AC input: 3L/N/PE, 220 / 380, 230 / 400 Vac, 50 / 60 Hz, max 53.0 A (Per phase),  
max apparent power 35000 VA

AC output: 3L/N/PE, 220 / 380, 230 / 400 Vac, 50 / 60 Hz, max 37.7 A (Per phase), max power 24900 W,  
max apparent power 24900 VA

EPS output: 3L/N/PE, 220 / 380, 230 / 400 Vac, 50 / 60 Hz, max 37.9 A (Per phase),  
max apparent power 25000 VA

#### H3-Pro-25.0:

PV input: max 1000 Vdc, MPPT voltage range: 150~850 Vdc, nominal operating voltage: 750 Vdc,  
max 32 A / 32 A / 32 A, Isc PV: 40 A / 40 A / 40 A

Battery: type: Lithium battery, voltage range: 150~800 Vdc, max charge/discharge current: 2\*50 A / 2\*50 A

AC input: 3L/N/PE, 220 / 380, 230 / 400 Vac, 50 / 60 Hz, max 53.0 A (Per phase),  
max apparent power 35000 VA

AC output: 3L/N/PE, 220 / 380, 230 / 400 Vac, 50 / 60 Hz, max 41.7 A (Per phase), max power 25000 W,  
max apparent power 27500 VA

EPS output: 3L/N/PE, 220 / 380, 230 / 400 Vac, 50 / 60 Hz, max 37.9 A (Per phase),  
max apparent power 25000 VA

#### H3-Pro-29.9:

PV input: max 1000 Vdc, MPPT voltage range: 150~850 Vdc, nominal operating voltage: 750 Vdc,  
max 32 A / 32 A / 32 A, Isc PV: 40 A / 40 A / 40 A

Battery: type: Lithium battery, voltage range: 150~800 Vdc, max charge/discharge current: 2\*50 A / 2\*50 A

AC input: 3L/N/PE, 220 / 380, 230 / 400 Vac, 50 / 60 Hz, max 53.0 A (Per phase),  
max apparent power 35000 VA

AC output: 3L/N/PE, 220 / 380, 230 / 400 Vac, 50 / 60 Hz, max 45.4 A (Per phase), max power 29900 W,  
max apparent power 29900 VA

EPS output: 3L/N/PE, 220 / 380, 230 / 400 Vac, 50 / 60 Hz, max 45.5 A (Per phase),  
max apparent power 30000 VA

#### H3-Pro-30.0:

PV input: max 1000 Vdc, MPPT voltage range: 150~850 Vdc, nominal operating voltage: 750 Vdc,  
max 32 A / 32 A / 32 A, Isc PV: 40 A / 40 A / 40 A

Battery: type: Lithium battery, voltage range: 150~800 Vdc, max charge/discharge current: 2\*50 A / 2\*50 A

AC input: 3L/N/PE, 220 / 380, 230 / 400 Vac, 50 / 60 Hz, max 53.0 A (Per phase),  
max apparent power 35000 VA

AC output: 3L/N/PE, 220 / 380, 230 / 400 Vac, 50 / 60 Hz, max 50.0 A (Per phase), max power 30000 W,  
max apparent power 33000 VA

EPS output: 3L/N/PE, 220 / 380, 230 / 400 Vac, 50 / 60 Hz, max 45.5 A (Per phase),  
max apparent power 30000 VA

#### AC3-Pro-10.0:

Battery: type: Lithium battery, voltage range: 150~800 Vdc, max charge/discharge current: 50 A / 50 A

AC input: 3L/N/PE, 220 / 380, 230 / 400 Vac, 50 / 60 Hz, max 22.7 A (Per phase),  
max apparent power 15000 VA

AC output: 3L/N/PE, 220 / 380, 230 / 400 Vac, 50 / 60 Hz, max 16.7 A (Per phase), max power 10000 W,

Document no. : 6166527.01COC

max apparent power 11000 VA

EPS output: 3L/N/PE, 220 / 380, 230 / 400 Vac, 50 / 60 Hz, max 15.2 A (Per phase),

max apparent power 10000 VA

#### AC3-Pro-12.0:

Battery: type: Lithium battery, voltage range: 150~800 Vdc, max charge/discharge current: 50 A / 50 A

AC input: 3L/N/PE, 220 / 380, 230 / 400 Vac, 50 / 60 Hz, max 27.3 A (Per phase),

max apparent power 18000 VA

AC output: 3L/N/PE, 220 / 380, 230 / 400 Vac, 50 / 60 Hz, max 20.0 A (Per phase), max power 12000 W,

max apparent power 13200 VA

EPS output: 3L/N/PE, 220 / 380, 230 / 400 Vac, 50 / 60 Hz, max 18.2 A (Per phase),

max apparent power 12000 VA

#### AC3-Pro-15.0:

Battery: type: Lithium battery, voltage range: 150~800 Vdc, max charge/discharge current: 2\*50 A / 2\*50 A

AC input: 3L/N/PE, 220 / 380, 230 / 400 Vac, 50 / 60 Hz, max 34.1 A (Per phase),

max apparent power 22500 VA

AC output: 3L/N/PE, 220 / 380, 230 / 400 Vac, 50 / 60 Hz, max 25.0 A (Per phase), max power 15000 W,

max apparent power 16500 VA

EPS output: 3L/N/PE, 220 / 380, 230 / 400 Vac, 50 / 60 Hz, max 22.7 A (Per phase),

max apparent power 15000 VA

#### AC3-Pro-20.0:

Battery: type: Lithium battery, voltage range: 150~800 Vdc, max charge/discharge current: 2\*50 A / 2\*50 A

AC input: 3L/N/PE, 220 / 380, 230 / 400 Vac, 50 / 60 Hz, max 45.5 A (Per phase),

max apparent power 30000 VA

AC output: 3L/N/PE, 220 / 380, 230 / 400 Vac, 50 / 60 Hz, max 33.3 A (Per phase), max power 20000 W,

max apparent power 22000 VA

EPS output: 3L/N/PE, 220 / 380, 230 / 400 Vac, 50 / 60 Hz, max 30.3 A (Per phase),

max apparent power 20000 VA

#### AC3-Pro-22.0:

Battery: type: Lithium battery, voltage range: 150~800 Vdc, max charge/discharge current: 2\*50 A / 2\*50 A

AC input: 3L/N/PE, 220 / 380, 230 / 400 Vac, 50 / 60 Hz, max 50.0 A (Per phase),

max apparent power 33000 VA

AC output: 3L/N/PE, 220 / 380, 230 / 400 Vac, 50 / 60 Hz, max 36.7 A (Per phase), max power 22000 W,

max apparent power 24200 VA

EPS output: 3L/N/PE, 220 / 380, 230 / 400 Vac, 50 / 60 Hz, max 33.3 A (Per phase),

max apparent power 22000 VA

#### AC3-Pro-24.9:

Battery: type: Lithium battery, voltage range: 150~800 Vdc, max charge/discharge current: 2\*50 A / 2\*50 A

AC input: 3L/N/PE, 220 / 380, 230 / 400 Vac, 50 / 60 Hz, max 53.0 A (Per phase),

max apparent power 35000 VA

AC output: 3L/N/PE, 220 / 380, 230 / 400 Vac, 50 / 60 Hz, max 37.7 A (Per phase), max power 24900 W,

max apparent power 24900 VA

EPS output: 3L/N/PE, 220 / 380, 230 / 400 Vac, 50 / 60 Hz, max 37.9 A (Per phase),

max apparent power 25000 VA

#### AC3-Pro-25.0:

Battery: type: Lithium battery, voltage range: 150~800 Vdc, max charge/discharge current: 2\*50 A / 2\*50 A

AC input: 3L/N/PE, 220 / 380, 230 / 400 Vac, 50 / 60 Hz, max 53.0 A (Per phase),

max apparent power 35000 VA

AC output: 3L/N/PE, 220 / 380, 230 / 400 Vac, 50 / 60 Hz, max 41.7 A (Per phase), max power 25000 W,

max apparent power 27500 VA

Document no. : 6166527.01COC

EPS output: 3L/N/PE, 220 / 380, 230 / 400 Vac, 50 / 60 Hz, max 37.9 A (Per phase),  
max apparent power 25000 VA

AC3-Pro-29.9:

Battery: type: Lithium battery, voltage range: 150~800 Vdc, max charge/discharge current: 2\*50 A / 2\*50 A

AC input: 3L/N/PE, 220 / 380, 230 / 400 Vac, 50 / 60 Hz, max 53.0 A (Per phase),

max apparent power 35000 VA

AC output: 3L/N/PE, 220 / 380, 230 / 400 Vac, 50 / 60 Hz, max 45.4 A (Per phase), max power 29900 W,

max apparent power 29900 VA

EPS output: 3L/N/PE, 220 / 380, 230 / 400 Vac, 50 / 60 Hz, max 45.5 A (Per phase),

max apparent power 30000 VA

AC3-Pro-30.0:

Battery: type: Lithium battery, voltage range: 150~800 Vdc, max charge/discharge current: 2\*50 A / 2\*50 A

AC input: 3L/N/PE, 220 / 380, 230 / 400 Vac, 50 / 60 Hz, max 53.0 A (Per phase),

max apparent power 35000 VA

AC output: 3L/N/PE, 220 / 380, 230 / 400 Vac, 50 / 60 Hz, max 50.0 A (Per phase), max power 30000 W,

max apparent power 33000 VA

EPS output: 3L/N/PE, 220 / 380, 230 / 400 Vac, 50 / 60 Hz, max 45.5 A (Per phase),

max apparent power 30000 VA

-End-