

# CERTIFICATE OF CONFORMITY

Issued to: FOXESS CO., LTD.  
No.939, Jinhai Third Road, New Airport Industry Area, Longwan District, 325058  
Wenzhou, Zhejiang, CHINA

For the product: Hybrid Inverter



Trade name:

Type/Model: H3-50-Plus, H3-60-Plus, H3-75-Plus, H3-80-Plus, H3-100-Plus, H3-125-Plus  
P3-50-Plus, P3-60-Plus, P3-75-Plus, P3-80-Plus, P3-100-Plus, P3-125-Plus

Ratings: See annexes.

Manufactured by: FOXESS CO., LTD.  
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Wenzhou, Zhejiang, CHINA

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

This Test Certificate is granted on account of an examination by DEKRA, the results of which are laid down in a confidential file no. 6222913.50(A-B)

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 28 July 2030 or expires upon withdrawal of one of the above mentioned standards.

Shanghai, 28 July 2025

Number: 6222913.01COC

DEKRA Testing and Certification (Shanghai) Ltd.

A handwritten signature in black ink, appearing to read "Kreny Lin".

Kreny Lin  
Certification Manager

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| MODULE                                     | H3-50-Plus<br>P3-50-Plus | H3-60-Plus<br>P3-60-Plus | H3-75-Plus<br>P3-75-Plus | H3-80-Plus<br>P3-80-Plus | H3-100-Plus<br>P3-100-Plus | H3-125-Plus<br>P3-125-Plus |
|--------------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|----------------------------|----------------------------|
| BATTERY SPECIFICATION                      |                          |                          |                          |                          |                            |                            |
| Battery Type                               | LFP                      |                          |                          |                          |                            |                            |
| Voltage Range (V)                          | 180-950                  |                          |                          |                          |                            |                            |
| Max, Charging Current (A)                  | 3*80                     |                          |                          |                          |                            |                            |
| Max, Discharging Current (A)               | 3*80                     |                          |                          |                          |                            |                            |
| Battery Port                               | 3                        |                          |                          |                          |                            |                            |
| Communication                              | CAN*3                    |                          |                          |                          |                            |                            |
| PV SPECIFICATION                           |                          |                          |                          |                          |                            |                            |
| Max, PV Array Power (kW)                   | 100                      | 120                      | 150                      | 160                      | 200                        | 250                        |
| Max, PV Input Power (kW)                   | 100                      | 120                      | 150                      | 160                      | 200                        | 250                        |
| Max, PV array voltage (Vdc)                | 1000                     |                          |                          |                          |                            |                            |
| PV DC Input Voltage Range (V)              | 180-950                  |                          |                          |                          |                            |                            |
| Start-up Voltage (V)                       | 180                      |                          |                          |                          |                            |                            |
| MPPT Voltage Range (V)                     | 180-850                  |                          |                          |                          |                            |                            |
| MPPT No, / String per MPPT                 | 4/2                      | 4/2                      | 8/2                      | 8/2                      | 8/2                        | 8/2                        |
| Maximum Current per MPPT (A)               | 40                       |                          |                          |                          |                            |                            |
| Maximum Short Circuit Current per MPPT (A) | 50                       |                          |                          |                          |                            |                            |
| Grid SPECIFICATION                         |                          |                          |                          |                          |                            |                            |
| Rated AC Output Power (kW)                 | 50                       | 60                       | 75                       | 80                       | 100                        | 125                        |
| Rated AC Output apparent power (kVA)       | 50                       | 60                       | 75                       | 80                       | <b>100</b>                 | 125                        |
| Max, AC Output apparent Power (kVA)        | 55                       | 66                       | 82,5                     | 88                       | 110                        | 137,5                      |
| Rated AC Output Current (A)                | 76,0                     | 91,2                     | 113,9                    | 121,6                    | 152,0                      | 190,0                      |

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|                                        |                           |       |       |       |       |            |
|----------------------------------------|---------------------------|-------|-------|-------|-------|------------|
| Max, AC Output Current (A)             | 83,6                      | 100,3 | 125,4 | 133,7 | 167,2 | 198,5      |
| Max AC current for battery charged (A) | 83,6                      | 100,3 | 125,4 | 133,7 | 152,0 | 152,0      |
| Max AC Power for battery charged (kW)  | 55                        | 66    | 82,5  | 88    | 100   | <b>100</b> |
| Max, AC input Power (kW)               | 207                       |       |       |       |       |            |
| Max, AC input current (A)              | 300                       |       |       |       |       |            |
| Nominal AC Voltage (Vac)               | 220/380, 230/400, 3L/N/PE |       |       |       |       |            |
| Nominal AC Frequency (Hz)              | 50/60                     |       |       |       |       |            |
| Power Factor                           | 0,8 Leading, 0,8 Lagging  |       |       |       |       |            |
| EPS load SPECIFICATION                 |                           |       |       |       |       |            |
| Rated Power (kW)                       | 50                        | 60    | 75    | 80    | 100   | 125        |
| Rated AC Output apparent power (kVA)   | 50                        | 60    | 75    | 80    | 100   | 125        |
| Max, AC Output apparent Power (kVA)    | 55                        | 66    | 82,5  | 88    | 110   | 137,5      |
| Rated AC Output Current (A)            | 76,0                      | 91,2  | 113,9 | 121,6 | 152,0 | 190,0      |
| Max, AC Output Current (A)             | 83,6                      | 100,3 | 125,4 | 133,7 | 167,2 | 198,5      |
| Nominal AC Voltage (Vac)               | 220/380, 230/400, 3L/N/PE |       |       |       |       |            |
| Nominal AC Frequency (Hz)              | 50/60                     |       |       |       |       |            |
| Power Factor                           | 0,8 Leading, 0,8 Lagging  |       |       |       |       |            |
| Diesel generators SPECIFICATION        |                           |       |       |       |       |            |
| Max, AC Input apparent Power (kW)      | 207                       |       |       |       |       |            |
| Max, AC Input Current (A)              | 300                       |       |       |       |       |            |
| Nominal AC Voltage (Vac)               | 220/380, 230/400, 3L/N/PE |       |       |       |       |            |
| Nominal AC Frequency (Hz)              | 50/60                     |       |       |       |       |            |
| Power Factor                           | 0,8 Leading, 0,8 Lagging  |       |       |       |       |            |
| Max, THDi                              | <3%                       |       |       |       |       |            |
| DC Injection Current                   | 0,50%                     |       |       |       |       |            |

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|                                                                                                                                                                                                                                                                                                     |                   |     |     |     |     |     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-----|-----|-----|-----|-----|
| On/off grid Switch Time                                                                                                                                                                                                                                                                             | <10 ms            |     |     |     |     |     |
| Peak Current (off-grid) (A)                                                                                                                                                                                                                                                                         | 225, 10 s         |     |     |     |     |     |
| LRA Current (A)                                                                                                                                                                                                                                                                                     | 300               |     |     |     |     |     |
| Max, THDu (Off-grid)                                                                                                                                                                                                                                                                                | <3% (Linear Load) |     |     |     |     |     |
| Weight (kg)                                                                                                                                                                                                                                                                                         | 110               | 110 | 120 | 120 | 120 | 120 |
| General Data                                                                                                                                                                                                                                                                                        |                   |     |     |     |     |     |
| Over voltage category: III(Mains), II(PV),<br>Operating temperature range: - 30 °C to + 60 °C,<br>Relative Humidity (%): 0-100,<br>Protective class: I,<br>Ingress protection rating: IP65,<br>Operating Altitude (m): 4000,<br>Mounting Method: Wall Mounted,<br>Cooling Method: Smart Air Cooling |                   |     |     |     |     |     |

END