

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: 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 Annex

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

Requirements: NRS 097-2-1:2024 Edition 3

This Test Certificate is granted on account of an examination by DEKRA, the results of which are laid down in a confidential file no. 6222923.50

The examination has been carried out on one single specimen of the product. The certificate does not include an assessment of the minilecture'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 2030-08-13 or expires upon withdrawal of one of the above mentioned standards.

Shanghai, 2025-08-13

Number: 6222923.01COC

DEKRA Testing and Certification (Shanghai) Ltd.

Cliff Lin
Certification Manager

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Document no. : 6222923.01COC

MODULE	H3-50-Plus, P3-50-Plus	H3-60-Plus, P3-60-Plus	H3-75-Plus, P3-75-Plus	H3-80-Plus, P3-80-Plus	H3-100-Plus, P3-100-Plus	H3-125-Plus, 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	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
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	100
Max. AC input Power (kW)	207					
Max. AC input current (A)	300					

Document no. : 6222923.01COC

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%					
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), Operating temperature range: - 30 °C to + 60 °C, Relative Humidity (%): 0-100, Protective class: I, Ingress protection rating: IP65, Operating Altitude (m): 4000, Mounting Method: Wall Mounted, Cooling Method: Smart Air Cooling						

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