

CERTIFICATE

of conformity with the following European Directives

Low Voltage Directive 2014/35/EU

This certifies that below described products of the applicant:

FOXESS CO., LTD.

Room A203, Building C, No 205, Binhai Six Road, New Airport
Industry Area, Longwan District, Wenzhou, Zhejiang Province

comply to the essential requirements of the above mentioned European Directive and the following standards, taking into account the German national deviations:

Product(s):	Storage Inverter
Model type(s):	AIO-H3-5.0, AIO-H3-6.0, AIO-H3-8.0, AIO-H3-10.0, AIO-AC3-5.0.
Standard(s):	EN 62109-1:2010, EN 62109-2:2011, EN 62477-1:2012+A1:2017

This certificate of conformity is based on the evaluation of samples of the product. It does not imply an assessment of the production and it does not permit the use of a mark of conformity or of a safety mark of the TÜV NORD CERT GmbH. The holder of this certificate may use this Certificate together with his EC-Declaration of Conformity.

Registered no.:	44 799 21 406749 - 123
Test report no.:	492011796.001 492011834.001
File no.:	PVP05042/21E-04 PVP05042/21E-09

A blue ink signature, likely of a representative of TÜV NORD CERT GmbH.

TÜV NORD CERT GmbH
Certification Body
Energy Storage System

Essen, 2021-10-18

TÜV NORD CERT GmbH

Langemarckstraße 20 45141 Essen

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Please also pay attention to the information stated overleaf.



The CE marking may be affixed on the product if all relevant and effective Directives are complied with.



ANNEX

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to Certificate registration no. 44 799 21 406749 - 123

Description of product(s):

Model type	AIO-H3-10.0		
General information			
Type of inverter	Non-isolated	Separated by	Transformer-less
Safety Class	Class I	IP grade	IP65
Over-voltage Category	DC: II, AC: III	Pollution degree.....	External:3 Internal:2
Operating temperature.....	-25°C ~60°C (>45 derating)	Altitude	2000m
Weight.....	97kg	Dimension (W x H x D)	630*1662.5*389m m
Hardware version.....	1.6	Software version	1.06
PV input			
Vmax.....	1000V	Isc	32A/16A
MPP voltage range	160V-950V	Number of MPPT tracking	2
Max. input current	26A/14A		
AC output			
Rated Output Voltage	400V/230Vac; 380V/220Vac 3L/N/PE	Rated Output Frequency	50/60Hz



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Rated output power..... :	10000W	Max. apparent power..... :	11000VA
Max. output current..... :	15.9 A	Power factor..... :	1 (±0.8 adjustable)
AC input			
Rated Output Voltage	400V/230Vac; 380V/220Vac 3L/N/PE	Rated Output Frequency	50/60Hz
Max. apparent power	10000VA		
Max. output current..... :	15.9 A	Power factor..... :	1 (±0.8 adjustable)
EPS output			
Rated Output Voltage	400V/230Vac; 380V/220Vac 3L/N/PE	Rated Output Frequency	50/60Hz
Rated. output current	15.9 A	Max. apparent power..... :	15000VA
Battery input			
Battery Voltage range	180-234V	Battery type..... :	Lithium-Ion
Max. Charge current	26A	Max. Discharge current	26A



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Model type	AIO-H3-8.0		
General information			
Type of inverter	Non-isolated	Separated by	Transformer-less
Safety Class	Class I	IP grade	IP65
Over-voltage Category	DC: II, AC: III	Pollution degree	External:3 Internal:2
Operating temperature	-25°C ~60°C (>45 derating)	Altitude	2000m
Weight	97kg	Dimension (W x H x D)	630*1662.5*389 mm
Hardware version	1.6	Software version	1.06
PV input			
Vmax	1000V	Isc	32A/16A
MPP voltage range	160V-950V	Number of MPPT tracking	2
Max input current	26A/14A		
AC output			
Rated Output Voltage	400V/230Vac; 380V/220Vac, 3L/N/PE	Rated Output Frequency	50/60Hz



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Rated output power.....:	8000W	Max. apparent power.....:	8800VA
Max. output current.....:	12.7A	Power factor.....:	1 (±0.8 adjustable)
AC input			
Rated Output Voltage	400V/230Vac; 380V/220Vac 3L/N/PE	Rated Output Frequency	50/60Hz
Max. apparent power	8000VA		
Max. output current.....:	12.7 A	Power factor.....:	1 (±0.8 adjustable)
EPS output			
Rated Output Voltage	400V/230Vac; 380V/220Vac 3L/N/PE	Rated Output Frequency	50/60Hz
Rated. output current.....:	12.7 A	Max. apparent power.....:	12000VA
Battery input			
Battery Voltage range	180-234V	Battery type.....:	Lithium-Ion
Max. Charge current	26A	Max. Discharge current	26A



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Model type	AIO-H3-6.0		
General information			
Type of inverter	Non-isolated	Separated by	Transformer-less
Safety Class	Class I	IP grade	IP65
Over-voltage Category.....	DC: II, AC: III	Pollution degree	External:3 Internal:2
Operating temperature.....	-25°C ~60°C (>45 derating)	Altitude	2000m
Weight.....	97kg	Dimension (W x H x D)	630*1662.5*389 mm
Hardware version.....	1.6	Software version	1.06
PV input			
Vmax	1000V	Isc	16A/16A
MPP voltage range	160V-950V	Number of MPPT tracking	2
Max. input current	14A/14A		
AC output			
Rated Output Voltage	400V/230VAC; 380V/220VAC, 3L/N/PE	Rated Output Frequency	50/60Hz



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Rated output power.....:	6000W	Max. apparent power.....:	6600VA
Max. output current.....:	9.5A	Power factor.....:	1 (±0.8 adjustable)
AC input			
Rated Output Voltage	400V/230Vac; 380V/220Vac 3L/N/PE	Rated Output Frequency	50/60Hz
Max. apparent power	6000VA		
Max. output current.....:	9.5 A	Power factor	1 (±0.8 adjustable)
EPS output			
Rated Output Voltage	400V/230Vac; 380V/220Vac 3L/N/PE	Rated Output Frequency	50/60Hz
Rated. output current.....:	9.5A	Max. apparent power.....:	9000VA
Battery input			
Battery Voltage range	180-234V	Battery type.....:	Lithium-Ion
Max. Charge current	26A	Max. Discharge current	26A



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Model type	AIO-H3-5.0		
General information			
Type of inverter	Non-isolated	Separated by	Transformer-less
Safety Class	Class I	IP grade	IP65
Over-voltage Category	DC: II, AC: III	Pollution degree	External:3 Internal:2
Operating temperature.....	-25°C ~60°C (>45 derating)	Altitude	2000m
Weight	97kg	Dimension (W x H x D)	630*1662.5*389 mm
Hardware version.....	1.6	Software version	1.06
PV input			
Vmax	1000V	Isc	16A/16A
MPP voltage range	160V-950V	Number of MPPT tracking	2
Max input current	14A/14A		
AC output			
Rated Output Voltage	400V/230VAC; 380V/220VAC, 3L/N/PE	Rated Output Frequency	50/60Hz



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Rated output power.....:	5000W	Max. apparent power.....:	5500VA
Max. output current.....:	7.9A	Power factor.....:	1 (± 0.8 adjustable)
AC input			
Rated Output Voltage	400V/230Vac; 380V/220Vac 3L/N/PE	Rated Output Frequency	50/60Hz
Max. apparent power	5000VA		
Max. output current.....:	7.9A	Power factor	1 (± 0.8 adjustable)
EPS output			
Rated Output Voltage	400V/230Vac; 380V/220Vac 3L/N/PE	Rated Output Frequency	50/60Hz
Rated. output current	7.9A	Max. apparent power.....:	7500VA
Battery input			
Battery Voltage range	180-234V	Battery type.....:	Lithium-Ion
Max. Charge current	26A	Max. Discharge current	26A



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Model type	AIO-AC3-5.0		
General information			
Type of inverter	Non-isolated	Separated by	Transformer-less
Safety Class	Class I	IP grade	IP65
Over-voltage Category	DC: II, AC: III	Pollution degree	External:3 Internal:2
Operating temperature	-25°C ~60°C (>45 derating)	Altitude	2000m
Weight	97kg	Dimension (W x H x D)	630*1662.5*389 mm
Hardware version	1.6	Software version	1.06
AC output			
Rated Output Voltage	400V/230VAC; 380V/220VAC, 3L/N/PE	Rated Output Frequency	50Hz/60Hz
Rated output power	5000W	Max. apparent power	5500VA
Max. output current	7.9A	Power factor	1 (±0.8 adjustable)
AC input			
Rated Output Voltage	400V/230Vac;	Rated Output Frequency	50/60Hz



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	380V/220Vac 3L/N/PE		
Max. apparent power	5000VA		
Max. output current	7.9A	Power factor	1 (±0.8 adjustable)
EPS output			
Rated Output Voltage	400V/230Vac; 380V/220Vac 3L/N/PE	Rated Output Frequency	50/60Hz
Rated. output current	7.9A	Max. apparent power	7500VA
Battery input			
Battery Voltage range	180-234V	Battery type.....	Lithium-Ion
Max. Charge current	26A	Max. Discharge current	26A

Remark:

For detailed product information, please refer to CDF (Constructional Data Form) in Annex 1 of test report.



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