



Product Service

Attestation of Conformity

No. N8A 107662 0014 Rev. 01

Holder of Attestation: **FOXESS CO., LTD.**
No.939, Jinhai Third Road
New Airport Industry Area, Longwan District
325025 Wenzhou, Zhejiang
PEOPLE'S REPUBLIC OF CHINA

Product: **Converter**
Storage Inverter

This Attestation of Conformity is issued on a voluntary basis according to the Low Voltage Directive 2014/35/EU relating to electrical equipment designed for use within certain voltage limits. It confirms that the listed equipment complies with the principal protection requirements of the directive and is based on the technical specifications applicable at the time of issuance. It refers only to the particular sample submitted for conformity assessment. For details see: www.tuvsud.com/ps-cert

Test report no.: 5040922012910-00

Date, 2023-01-04



(Zhengdong Ma)

Page 1 of 3

This Attestation does not replace the regulatory EU Declaration of Conformity (DoC) and does not allow for CE marking. After preparation of the necessary documentation and establishing compliance to requirements of all applicable directives, the manufacturer may sign a DoC and apply the CE marking. The DoC is issued under the sole responsibility of the manufacturer.



TUV®



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Model(s): AIO-H1-3.0, AIO-H1-3.7, AIO-H1-4.6, AIO-H1-5.0, AIO-H1-6.0.

Parameters:

PV input port	
Max. input power:	3900W(AIO-H1-3.0), 4680W(AIO-H1-3.7), 5980W(AIO-H1-4.6), 6500W(AIO-H1-5.0), 7800W(AIO-H1-6.0)
Absolute max. voltage:	600Vd.c.
MPPT voltage range:	80-550Vd.c.
Nominal operating voltage:	360Vd.c.
Max. input current:	13.5/13.5Ad.c.
Isc PV:	15/15Ad.c.
Battery input port	
Battery voltage range:	85-233.6Vd.c.
Max. charge/discharge current:	40/40Ad.c.
Battery type:	Lithium-ion
AC output port	
Rated power	3000W(AIO-H1-3.0), 3680W(AIO-H1-3.7), 4600W(AIO-H1-4.6), 5000W(AIO-H1-5.0), 6000W(AIO-H1-6.0)
Max. apparent power:	3300VA(AIO-H1-3.0), 4048VA(AIO-H1-3.7), 5060VA(AIO-H1-4.6), 5500VA(AIO-H1-5.0), 6600VA(AIO-H1-6.0)
Nominal voltage:	220/230/240Va.c.
Nominal frequency:	50/60Hz
Max. output current:	14.4Aa.c.(AIO-H1-3.0), 17.6Aa.c.(AIO-H1-3.7), 22Aa.c.(AIO-H1-4.6), 23.9Aa.c.(AIO-H1-5.0), 28.7Aa.c.(AIO-H1-6.0)

Page 2 of 3

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Power factor:	1(±0.8 adjustable)
AC input port	
Nominal voltage:	220/230/240Va.c.
Nominal frequency:	50/60Hz
Max. input current:	31.8Aa.c.(AIO-H1-3.0), 34.9Aa.c.(AIO-H1-3.7), 43.7Aa.c.(AIO-H1-4.6), 45.5Aa.c.(AIO-H1-5.0), 54.6Aa.c.(AIO-H1-6.0)
Max. apparent power:	7000VA(AIO-H1-3.0), 7680VA(AIO-H1-3.7), 9600VA(AIO-H1-4.6), 10000VA(AIO-H1-5.0), 12000VA(AIO-H1-6.0)
EPS output port	
Nominal voltage:	220/230/240Va.c.
Nominal frequency:	50/60Hz
Max. output current:	21.7Aa.c.(AIO-H1-3.0), 21.7Aa.c.(AIO-H1-3.7), 26.1Aa.c.(AIO-H1-4.6), 26.1Aa.c.(AIO-H1-5.0), 26.1Aa.c.(AIO-H1-6.0)
Max. apparent power:	5000VA(AIO-H1-3.0), 5000VA(AIO-H1-3.7), 6000VA(AIO-H1-4.6), 6000VA(AIO-H1-5.0), 6000VA(AIO-H1-6.0)
General information	
Operating temperature range:	-25°C...+60°C
Inverter topology	Non-isolated
Protective class:	I
Ingress protection:	IP65
Overvoltage category:	II(DC), III(AC)

Tested according to:

EN 62109-1:2010
EN 62109-2:2011

Page 3 of 3

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