



Product Service

# Attestation of Conformity

No. N8A 107662 0016 Rev. 00

**Holder of Certificate:** **FOXESS Co., Ltd.**  
Room A203, Building C, No 205  
Binghai Six Road  
New Airport Industry Area, Longwan Distrit  
325058 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 testing and certification. For details see: [www.tuvsud.com/ps-cert](http://www.tuvsud.com/ps-cert)

**Test report no.:** 704092112601-00

**Date,** 2021-05-25

( Zhengdong Ma )

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After preparation of the necessary technical documentation as well as the EU declaration of conformity the required CE marking can be affixed on the product. The declaration of conformity is issued under the sole responsibility of the manufacturer. Other relevant EU-directives have to be observed.



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

## Parameters:

PV input port	
Max. input power:	3900W(H1-3.0-E), 4680W(H1-3.7-E), 5980W(H1-4.6-E), 6500W(H1-5.0-E), 7800W(H1-6.0-E)
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:	85-450Vd.c.
Max. charge/discharge current:	40/40Ad.c.
Battery type:	Lithium-ion
AC output port	
Rated power	3000W(H1-3.0-E), 3680W(H1-3.7-E), 4600W(H1-4.6-E), 5000W(H1-5.0-E), 6000W(H1-6.0-E)
Max. apparent power:	3300VA(H1-3.0-E), 4048VA(H1-3.7-E), 5060VA(H1-4.6-E), 5500VA(H1-5.0-E), 6600VA(H1-6.0-E)
Nominal voltage:	220/230/240Va.c.
Nominal frequency:	50/60Hz
Max. output current:	14.4Aa.c.(H1-3.0-E), 17.6Aa.c.(H1-3.7-E), 22Aa.c.(H1-4.6-E), 23.9Aa.c.(H1-5.0-E), 28.7Aa.c.(H1-6.0-E)



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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.(H1-3.0-E), 34.9Aa.c.(H1-3.7-E), 43.7Aa.c.(H1-4.6-E), 45.5Aa.c.(H1-5.0-E), 54.6Aa.c.(H1-6.0-E)
Max. apparent power:	7000VA(H1-3.0-E), 7680VA(H1-3.7-E), 9600VA(H1-4.6-E), 10000VA(H1-5.0-E), 12000VA(H1-6.0-E)
EPS output port	
Nominal voltage:	220/230/240Va.c.
Nominal frequency:	50/60Hz
Max. output current:	21.7Aa.c.(H1-3.0-E), 21.7Aa.c.(H1-3.7-E), 26.1Aa.c.(H1-4.6-E), 26.1Aa.c.(H1-5.0-E), 26.1Aa.c.(H1-6.0-E)
Max. apparent power:	5000VA(H1-3.0-E), 5000VA(H1-3.7-E), 6000VA(H1-4.6-E), 6000VA(H1-5.0-E), 6000VA(H1-6.0-E)
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