

# Attestation of Conformity

No. N8AUK 107662 0029 Rev. 00

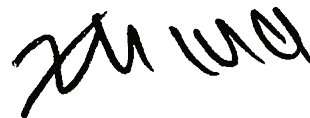
**Holder of Certificate:** **FOXESS CO., LTD.**  
No.939, Jinhai Third Road  
New Airport Industry Area, Longwan District  
325025 Wenzhou, Zhejiang  
PEOPLE'S REPUBLIC OF CHINA

**Product:** **Converter**  
**Storage Inverter**

This Attestation of Conformity is issued on a voluntary basis according to the Electrical Equipment (Safety) Regulations 2016 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 regulations 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.:** 5040922012908-00

**Date,** 2022-11-22



( Zhengdong Ma )

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

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After preparation of the necessary UK regulation technical documentation as well as the UK declaration of conformity the required UKCA marking can be affixed on the product. Other applicable UK regulations have to be observed.