



Product Service

CERTIFICATE

No. B 107662 0015 Rev. 01

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

Certification Mark:



Product: **Converter
Storage Inverter**

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition, the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 5040922012908-00

Valid until: 2027-11-19

Date, 2022-11-21

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