

Certificado de Conformidad

Por medio del certificado de producto número / By the product certificate number

Nº 2622/0261-2-A-A-E1-CER/E2

Emitido a / Issued to:

Propietario de la licencia / License holder:

FOXESS CO., LTD.

No.939, Jinhai Third Road, New Airport Industry Area, Longwan District, Wenzhou, Zhejiang, China.

Marca / Trademark:



Dirección de Fábrica / Factory location:

FOXESS CO., LTD.

No.939, Jinhai Third Road, New Airport Industry Area, Longwan District, Wenzhou, Zhejiang, China.

Se certifica que el producto / It is certified that the product:

Tipo de aparato / Type of product: Inversor Solar conectado a la red / Solar Grid-tied Inverter

Modelos / Models:

H1-3.0-E / H1-3.7-E / H1-4.6-E / H1-5.0-E / H1-6.0-E / AC1-3.0-E / AC1-3.7-E / AC1-4.6-E / AC1-5.0-E / AC1-6.0-E / AIO-H1-3.0 / AIO-H1-3.7 / AIO-H1-4.6 / AIO-H1-5.0 / AIO-H1-6.0 / AIO-AC1-3.0 / AIO-AC1-3.7 / AIO-AC1-4.6 / AIO-AC1-5.0 / AIO-AC1-6.0 / H1-3.0-E-G2 / H1-3.7-E-G2 / H1-4.6-E-G2 / H1-5.0-E-G2 / H1-6.0-E-G2 / H1-4.6-E1-G2 / H1-5.0-E1-G2 / AC1-3.0-E-G2 / AC1-3.7-E-G2 / AC1-4.6-E-G2 / AC1-5.0-E-G2 / AC1-6.0-E-G2 / AC1-4.6-E1-G2 / AC1-5.0-E1-G2

Datos técnicos /

Rated characteristics:

Potencia nominal / Rated Power

Ver páginas 2, 3 y 4 / See pages 2, 3 and 4

Tensión nominal / Rated Voltage

Ver páginas 2, 3 y 4 / See pages 2, 3 and 4

Frecuencia nominal / Rated Frequency

50 Hz

Versión Firmware / Firmware version

Master: 1.44; Slave:1.02; Comm:1.40

Número de fases / Number of phases

Monofásico / Single Phase

Transformador de aislamiento / Isolation transformer

No / No

Está en cumplimiento con la norma de ensayos / Is in compliance with the test standard:

- **UNE 217002: 2020** Inversores para conexión a la red de distribución. Ensayos de los requisitos de inyección de corriente continua a la red, generación de sobretensiones y sistema de detección de funcionamiento en isla.

Teniendo en cuenta los requisitos aplicables de la norma y regulación / Taking into account the applicable requirements of the standard and regulation:

- **IEC 62116:2014** "Utility-interconnected photovoltaic inverters-Test procedure of islanding prevention measures"
- **Anexo I, apartado 2.3.6 y 5.3 de la Orden Ministerial TED/749/2020**, de 16 de julio, por la que se establecen los requisitos técnicos para la conexión a la red necesarios para la implementación de los códigos de red de conexión.

El equipo antes mencionado está certificado conforme con el procedimiento interno de SGS PE.T-ECPE-23 de acuerdo con los requisitos de la norma UNE-EN ISO/IEC 17065. / The above-mentioned generating unit is certified according to the SGS internal procedure PE.T-ECPE-23 based on the requirements of the UNE-EN ISO / IEC 17065.

Este certificado cancela y suspende al certificado nº 2622/0261-2-A-A-E1-CER/E1. / This certificate cancels and supersedes certificate nº 2622/0261-2-A-A-E1-CER/E1.

Este certificado se emite por vez primera: 15 de junio de 2022. / This certificate is first issued on 15th June 2022.

Este certificado es válido hasta: 15 de junio 2027. / This certificate is valid until the 15th of June 2027.

Madrid, 11 de julio de 2023.

Daniel Arranz Muñiz
Certification Manager



Lista completa de referencias con las características nominales de los productos certificados / Full list of product references and nominal characteristics:

Model	H1-3.0-E	H1-3.7-E	H1-4.6-E	H1-5.0-E	H1-6.0-E
PV	Input (DC)				
Max. input current	13.5 / 13.5 A				
Max.DC Voltage	600 V				
MPPT Voltage Range	80~550 V				
Battery					
Battery Type	Lithium-Ion				
Battery voltage range	85 V - 450V.				
Max. Charge/Discharge current	40 A / 40 A				
	Output (AC)				
Rated AC Output power	3000 VA	3680 VA	4600 VA	5000 VA	6000 VA
Max AC Output power	3300 VA	4048 VA	5060 VA	5500 VA	6600 VA
Nominal Grid Voltage	230 V (180 V to 270 V)				
Nominal Frequency	50/60 Hz				

Model	AC1-3.0-E	AC1-3.7-E	AC1-4.6-E	AC1-5.0-E	AC1-6.0-E
Battery	Input (DC)				
Battery Type	Lithium-Ion				
Battery voltage range	85 V - 450V.				
Max. Charge/Discharge current	40 A / 40 A				
	Output (AC)				
Rated AC Output power	3000 VA	3680 VA	4600 VA	5000 VA	6000 VA
Max AC Output power	3300 VA	4048 VA	5060 VA	5500 VA	6600 VA
Nominal Grid Voltage	230 V (180 V to 270 V)				
Nominal Frequency	50/60 Hz				

Model	AIO-H1-3.0	AIO-H1-3.7	AIO-H1-4.6	AIO-H1-5.0	AIO-H1-6.0
PV	Input (DC)				
Max. input current	13.5 / 13.5 A				
Max.DC Voltage	600 V				
MPPT Voltage Range	80~550 V				
Battery					
Battery Type	Lithium-Ion				
Battery voltage range	85 V – 233.6V.				
Max. Charge/Discharge current	40 A / 40 A				
	Output (AC)				
Rated AC Output power	3000 VA	3680 VA	4600 VA	5000 VA	6000 VA
Max AC Output power	3300 VA	4048 VA	5060 VA	5500 VA	6600 VA
Nominal Grid Voltage	230 V _{ac} (180V to 270V)				
Nominal Frequency	50/60 Hz				



Model	AIO-AC1-3.0	AIO-AC1-3.7	AIO-AC1-4.6	AIO-AC1-5.0	AIO-AC1-6.0
Battery	Input (DC)				
Battery Type	Lithium-Ion				
Battery voltage range	85 V – 233.6V.				
Max. Charge/Discharge current	40 A / 40 A				
	Output (AC)				
Rated AC Output power	3000 VA	3680 VA	4600 VA	5000 VA	6000 VA
Max AC Output power	3300 VA	4048 VA	5060 VA	5500 VA	6600 VA
Nominal Grid Voltage	230 V _{ac} (180 V to 270 V)				
Nominal Frequency	50/60 Hz				

Model	AC1-3.0-E-G2	AC1-3.7-E-G2	AC1-4.6-E-G2	AC1-5.0-E-G2
Battery	Lithium-Ion			
Battery Type	Lithium-Ion			
Battery voltage range	80 V – 480 V.			
Max. Charge/Discharge current	40 A / 40 A			
	Output (AC)			
Rated AC Output power	3000	3680	4600	5000
Max AC Output power	3300	4048	5060	5500
Nominal Grid Voltage	230 V _{ac} (180V to 270V)			
Nominal Frequency	50/60 Hz			

Model	AC1-6.0-E-G2	AC1-4.6-E1-G2	AC1-5.0-E1-G2
Battery	Lithium-Ion		
Battery Type	Lithium-Ion		
Battery voltage range	80 V – 480 V.		
Max. Charge/Discharge current	40 A / 40 A		
	Output (AC)		
Rated AC Output power	6000	4600	5000
Max AC Output power	6600	4600	5000
Nominal Grid Voltage	230 V _{ac} (180V to 270V)		
Nominal Frequency	50/60 Hz		

Model	H1-3.0-E-G2	H1-3.7-E-G2	H1-4.6-E-G2	H1-5.0-E-G2
PV	Input (DC)			
Max. input current	16 / 16 A			
Max.DC Voltage	600 V			
MPPT Voltage Range	80~550 V			
Battery	Lithium-Ion			
Battery Type	Lithium-Ion			
Battery voltage range	80 V – 480 V.			
Max. Charge/Discharge current	40 A / 40 A			
	Output (AC)			
Rated AC Output power	3000	3680	4600	5000
Max AC Output power	3300	4048	5060	5500
Nominal Grid Voltage	230 V _{ac} (180V to 270V)			
Nominal Frequency	50/60 Hz			



Model	H1-6.0-E-G2	H1-4.6-E1-G2	H1-5.0-E1-G2
PV	Input (DC)		
Max. input current	16 / 16 A		
Max.DC Voltage	600 V		
MPPT Voltage Range	80~550 V		
Battery			
Battery Type	Lithium-Ion		
Battery voltage range	80 V – 480 V.		
Max. Charge/Discharge current	40 A / 40 A		
	Output (AC)		
Rated AC Output power	6000	4600	5000
Max AC Output power	6600	4600	5000
Nominal Grid Voltage	230 V _{ac} (180V to 270V)		
Nominal Frequency	50/60 Hz		

