DEKRA Testing and Certification, S.A.U.

Product certification body accredited by ENAC with accreditation No. 134/C-PR301
and designated by the competent national authority of Spain
to act as Notified Body (Notified Body No: 1909) in accordance with the Directive 2014/53/EU of 16 April 2014

Directive 2014/53/EU – EU-TYPE EXAMINATION CERTIFICATE

Identification Number: **84044RNB.001**
Issue date: **2025-09-26**

MANUFACTURER DETAILS:

Company name: **FOXESS CO., LTD.**
Address: **No.939, Jinhai Third Road, New Airport Industry Area, Longwan District, Wenzhou, Zhejiang, China**

EQUIPMENT DETAILS:

Type of equipment: **GRID SUPPORT UTILITY INTERACTIVE INVERTER**
Brand name: **FOXESS**
Model name: **H3-50-Plus, H3-60-Plus, H3-75-Plus, H3-80-Plus, H3-100-Plus, H3-125-Plus, P3-50-Plus, P3-60-Plus, P3-75-Plus, P3-80-Plus, P3-100-Plus, P3- 125-Plus**
HW version: **V1.00**
SW version: **Master DSP: V1.00, Slave DSP: V1.00, CPLD: V1.00, Manager: V1.00, LCD ARM: V1.00, AFCI DSP: V1.00**

SCOPE OF OPINION:

Essential requirements	Specifications / Standards	Submitted documents
Article 3.1(a): Electrical safety	EN 62109-1:2010 EN 62109-2:2011	Test reports
Article 3.1(a): EMF exposure	EN IEC 62311:2020	Test reports
Article 3.1(b): EMC	EN IEC 61000-6-2:2019 EN IEC 61000-6-4:2019 EN 62920:2017+A1:2021 ETSI EN 301 489-1 V2.2.3 ETSI EN 301 489-17 V3.3.1	Test reports
Article 3.2: Radio spectrum use	ETSI EN 300 328 V2.2.2	EU-TEC Test reports

OPINION:

Our opinion in accordance with Annex III of DIRECTIVE 2014/53/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 April 2014 on radio equipment and the mutual recognition of their conformity is that the equipment complies with the requirements of that directive stated in the above scope.

This opinion has 1 annex with 1 page and it is only valid in conjunction with it.

Signed on behalf of DEKRA Testing and Certification, S.A.U. in Málaga (Spain)

Digitally signed by 74853835J ADRIAN GALLARDO (C:A29507456)
DN: cn=74853835J ADRIAN GALLARDO (C:A29507456), givenName=ADRIAN, sn=GALLARDO ALCAZAR, serialNumber=IDCES-74853835J, 2.5.4.97=VATES-A29507456, ou=REGULATORIO EMC, o=DEKRA TESTING & CERTIFICATION, S.A.U, c=ES
Date: 2025.09.26 12:55:58 +02'00'

Name: Adrián Gallardo
Position: Responsible for Certification

Annex I to EU-Type Examination Certificate No. 84044RNB.001

TECHNICAL DOCUMENTATION:

Held at:	**FOXESS CO., LTD.**
Address:	**No.939, Jinhai Third Road, New Airport Industry Area, Longwan District, Wenzhou, Zhejiang, China**

TECHNICAL FEATURES AND CHARACTERISTICS:

Operating frequency bands:	**Bluetooth BR-EDR and LE:**	**2402-2480 MHz**
	WLAN 802.11b/g/n(20/40MHz):	**2412-2472 MHz**
Modulations:	**Bluetooth BR-EDR and LE:**	**GFSK, π/4-DQPSK, 8DPSK**
	WLAN 802.11b/g/n(20/40MHz):	**DSSS (DBPSK, DQPSK, CCK)**
		OFDM (BPSK, QPSK, 16QAM, 64QAM)
Output power:	**Bluetooth BR-EDR and LE:**	**6.50 dBm (E.I.R.P.)**
	Bluetooth LE:	**8.00 dBm (E.I.R.P.)**
	WLAN 802.11b/g/n(20/40MHz):	**19.00 dBm (E.I.R.P.)**
Antenna:	**External antenna, Max. gain:**	**2.29 dBi**
Operating voltage:	**AC: 400Vac, 50/60 Hz, DC: 180-950 V, Battery: 180-950V**	
Operating temperature:	**-30 ~ 60°C**	
Intended use:	**GRID SUPPORT UTILITY INTERACTIVE INVERTER for solar and battery power generation**	

CONFORMITY DETAILS:

Essential requirements	Specifications / Standards	Reference documents
Article 3.1(a): Electrical safety	**EN 62109-1:2010** **EN 62109-2:2011**	**6222913.50A** **6222913.50B**
Article 3.1(a): EMF exposure	**EN IEC 62311:2020**	**6222916.53**
Article 3.1(b): EMC	**EN IEC 61000-6-2:2019** **EN IEC 61000-6-4:2019** **EN 62920:2017+A1:2021** **ETSI EN 301 489-1 V2.2.3** **ETSI EN 301 489-17 V3.3.1**	**SN250104** **SN250105**
Article 3.2: Radio spectrum use	**ETSI EN 300 328 V2.2.2**	**6222916.50** **6222916.51** **6222916.52**

REMARKS AND COMMENTS:

It is mandatory to inform DEKRA Testing and Certification, S.A.U. in writing about any change in the approved equipment identified in this certificate, which could affect the conformity of the apparatus with the essential requirements or the conditions of validity of this certificate.