

VERIFICATION OF COMPLIANCE

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

Device Category: Inverter

Device Type: PV Grid-Tied

Model(s): **R75, R100, R110**

Trademark:

Technical data: Product family: R75~R110
 (For further details see *A.2 Technical data of the Generating Unit(s) on p.2*)

Software version: Master:V1.04 Slave:V1.00 Manager:V1.06

Grid connection code: **CEI 0-21: 2022**



Technical reference rule for the connection of active and passive users to the LV electricity distribution networks of companies.

Topology of the device, which this certificate is based on:

INTERFACE DEVICE	PROTECTION INTERFACE	STATIC ELECTRONIC INVERTER	ROTATING GENERATION MACHINE
	X	X	

Indicate with one x the field or fields to which the declaration refers.

PHASE NUMBER: three-phase

Note:

The device is able to limit the Idc to 0.5% of the nominal current.

The device is for plants of each power.

The inverters of FOXESS CO., LTD. have a maximum apparent power limit. In the case where a system should be able to reach in every working condition a determined power factor, it is necessary to set the maximum active power in such a way, that you can reach at any time the cos-phi wanted.

Test report no.: **230105BWA004-EG-IT-001** (2023-04-03)

This verification confirms that the above-mentioned generating unit(s) with corresponding software meet the requirements of the referenced grid connection code at the time the tests were conducted.



Jack Shi
Jack Shi
 Sr. Project Manager

A.1 Revision history of the verification

Revision	Date	Changes	Status
0 (230105BWA004-EG-IT-C001)	2023-04-03	Initial issue	Active

A.2 Technical data of the Generating Unit(s)

Model	R75	R100	R110
DC input (PV)			
Max. DC input voltage [V]	1100		
Operating MPPT voltage range [V]	200 ~ 1000		
Input DC current [A]	max. 9*26	max. 9*26	max. 10*26
AC connection			
Nominal output AC voltage [V]	230/400 (3~ + N + PE, 50 Hz)		
Output AC current [A]	max. 113,7* / 119,6	max. 166,7	max. 175,3
Nominal active output power P _n [kW]	75,0	100,0	110,0
Max. apparent power [kVA]	75,0* / 82,5	110,0	121,0
Software version	Master:V1.04 Slave:V1.00 Manager:V1.06		
Factory's name Factory address	FOXESS CO., LTD. No.939, Jinhai Third Road, New Airport Industry Area, Longwan District, Wenzhou, Zhejiang, China		
Testing laboratory	Guangdong HuaChuang Technology Service Co., Ltd. Room 815, No.122, Houjie Road (West), Houjie Town, Dongguan City, Guangdong, 523960, P.R. China (Accredited acc. ISO/IEC 17025: A2LA Accreditation no. 5200.02)		
Testing location	Same as above		
Date(s) of performance of tests	2023-01-11 to 2023-03-20		
Note:	* Brazil only.		