

| 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: <table><tr><th>INTERFACE DEVICE</th><th>PROTECTION INTERFACE</th><th>STATIC ELECTRONIC INVERTER</th><th>ROTATING GENERATION MACHINE</th></tr><tr><td></td><td>X</td><td>X</td><td></td></tr></table> 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. | | | INTERFACE DEVICE | PROTECTION INTERFACE | STATIC ELECTRONIC INVERTER | ROTATING GENERATION MACHINE | | X | X | |
| INTERFACE DEVICE | PROTECTION INTERFACE | STATIC ELECTRONIC INVERTER | ROTATING GENERATION MACHINE | | | | | | | | |
| | X | X | | | | | | | | | |
| 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

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 | FOXESS CO., LTD. | | |
| Factory address | 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 | | | |