

Certificate of compliance

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

Product: Photovoltaic inverter

Model: F3000, F3600, F4600, F5000, F5300, F6000, F4600B, F5000B

Inverter for single-phase parallel connection to the public grid. The network monitoring and disconnection device is an integral part of the above-mentioned model.

Applied rules and standards:

DIN V VDE V 0126-1-1 (VDE V 0126-1-1):2006-02

Automatic disconnection device between a generator and the public low-voltage grid

DIN V VDE V 0126-1-1/A1 (VDE V 0126-1-1/A1):2012-02

Automatic disconnection device between a generator and the public low-voltage grid; Amendment 1

DIN VDE 0126-1-1:2013-08; VDE V 0126-1-1:2013-08

Automatic disconnection device between a generator and the public low-voltage grid

At the time of issue of this certificate, the safety concept of an aforementioned representative product corresponds to the valid safety specifications for the specified use in accordance with regulations.

Report number: CGDY-ESH-P26042487

Certificate number: U26-0446

Certification Program: NSOP-0032-DEU-ZE-ES-V11

Date of issue: 2026-06-09

Certification body

Accreditation



Domenik Koll
Head of Energy Systems Germany



Accredited certification body by Deutsche Akkreditierungsstelle GmbH (DAkkS) according to ISO/IEC 17065. The accreditation is valid only for the scope listed in the annex of the accreditation certificate D-ZE-12024-01-00. The Deutsche Akkreditierungsstelle GmbH (DAkkS) is signatory of the multilateral arrangements of EA, ILAC and IAF for mutual recognition.

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Type Approval and declaration of compliance with the requirements of IEC 61727, IEC 62116				
Manufacturer	FOXESS CO.,LTD No.939, Jinhai Third Road, New Airport Industry Area, Longwan District, Wenzhou, Zhejiang, China			
Product type	Photovoltaic inverter			
Static converter model	F3000	F3600	F4600	F5000
Input (PV DC)				
MPP voltage range [V]	60-550	60-550	60-550	60-550
Max. input voltage [V]	600	600	600	600
Max. input current per MPPT [A]	20/20	20/20	20/20	20/20
Output (AC)				
Rated AC voltage [V]	230V, L/N/PE, 50/60Hz	230V, L/N/PE, 50/60Hz	230V, L/N/PE, 50/60Hz	230V, L/N/PE, 50/60Hz
Rated output current [A]	13,6	16,4	20,9	22,7
Nom. converter output (P _{NINV}) [W]	3000	3600	4600	5000
Rated apparent power [VA]	3300	3960	5060	5500
Static converter model	F5300	F6000	F4600B	F5000B
Input (PV DC)				
MPP voltage range [V]	60-550	60-550	60-550	60-550
Max. input voltage [V]	600	600	600	600
Max. input current per MPPT [A]	20/20	20/20	20/20	20/20
Output (AC)				
Rated AC voltage [V]	230V, L/N/PE, 50/60Hz	230V, L/N/PE, 50/60Hz	230V, L/N/PE, 50/60Hz	230V, L/N/PE, 50/60Hz
Rated output current [A]	24,1	27,3	20,9	22,7
Nom. converter output (P _{NINV}) [W]	5300	6000	4600	5000
Rated apparent power [VA]	5830	6600	4600	5000
Firmware version	Master: 0.46; Slave: 0.04; Manager: 0.26			
Note				
The settings of the product are password protected adjustable.				
In case the above stated generators are used with an external protection device, the protection settings of the inverters are to be adjusted according to the manufacturer's declaration.				
The above stated generators are tested according to the requirements in the IEC 61727, IEC 62116. Any modification that affects the stated tests must be named by the manufacturer/supplier of the product to ensure that the product meets all requirements.				