

Certificate of Conformity

By the product certificate number

No. 2621/0067-1-E1-CER/E1

Issued to:

License holder: Shenzhen SOFARSOLAR Co., Ltd.
401, Building 4, AnTongDa Industrial Park, District 68, XingDong Community, XinAn Street, BaoAn District. Shenzhen City, Guangdong Province, P.R. China

Manufacturer: Dongguan SOFAR SOLAR Co., Ltd.
1F – 6F, Building E, No.1 JinQi Road, Bihu Industrial Park. Wulian Village, Fenggang Town, Dongguan, P.R. China.

Trademark:

It is certified that the product:

Type of generator: PV Inverter

Models:	SOFAR 75KTL	SOFAR 80KTL	SOFAR 100KTL	SOFAR 110KTL	SOFAR 100KTL-HV	SOFAR 125KTL-HV	SOFAR 136KTL-HV
Technical Data:							
Rated Active Power	75 kW	80 kW	100 kW	110 kW	100 kW	125 kW	136 kW
Rated Voltage	230/400 V	230/400 V	230/400 V	230/400 V	500 V	500 V	540 V
Rated Frequency	50 Hz	50 Hz	50 Hz	50 Hz	50 Hz	50 Hz	50 Hz
Firmware version	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Number of phases	3/N/PE	3/N/PE	3/N/PE	3/N/PE	3/PE	3/PE	3/PE
Isolation transformer	NO	NO	NO	NO	NO	NO	NO

(1) FW version is: DSPM: V010000; DSPS: V010000; ARM: V010000

Is in compliance with standard:

- EN 50549-1: 2019

Requirements for generating plants to be connected in parallel with distribution networks – Part 1: Connection to a LV Distribution Network - Generating Plants up to and including type B.

The above-mentioned product is certified according to the standard EN 50549-1:2019 and is valid to be installed in PV generating plants up to and including type B to be connected to a LV distribution network. The relation between this European Standard with the relevant Article of COMMISSION REGULATION (EU) 2016/631 (NC RfG) is considered as it is indicated in the annex H of the standard EN 50549-1:2019.

Requirements for interface protection according to the clause 4.9.3 of the above-mentioned standard have been checked verifying upper and lower thresholds of the voltage and frequency configuration ranges which required in the certified standard. This ensures the compliance with interface protection settings which adjusted inside of these configuration ranges, as for example, interface protection settings needed in **Greece**. Additionally, this certification ensures the compliance with specific deviations for interface protection according for **Ireland** which have been verified according to settings defined in section A.13 of the standard EN 50438:2013.

The above-mentioned generating unit is certified according to the SGS internal procedure PE.T-ECPE-53 based on the requirements of the UNE-EN ISO / IEC 17065.

First issued on: 19th February 2021

This certificate is valid until: 19th February 2029.

Madrid, 26th January 2024

Daniel Arranz Muñiz
Certification Manager



SGS Tecnos, S.A. C/ Trespaderna, 29 - 28042 Madrid
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