



Certificate of Conformity

By the product certificate number

No. 2621/0362-3-CER

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.

Trademark:

5 FAR

Manufacturer:

Technical Data:

Dongguan SOFAR SOLAR Co., Ltd.

1F – 6F, Building E, No.1 JinQi Road, Bihu Industrial Park.

Wulian Village, Fenggang Town, Dongguan City,

Guangdong Province, P.R. China.

It is certified that the product:

Type of generator: PV Inverter

Models: SOFAR 40KTLX-G3 / SOFAR 45KTLX-G3 / SOFAR 50KTLX-G3 / SOFAR 40KTLX-G3-HV / SOFAR 50KTLX-G3-HV

Rated Active Power See page 2

Rated Voltage See page 2

Rated Frequency 50 Hz

Firmware version V000001

Number of phases See page 2

Isolation transformer NO

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.

SOFAR 25KTLX-G3 / SOFAR 30KTLX-G3 / SOFAR 30KTLX-G3 / SOFAR 35KTLX-G3 / SOFAR 36KTLX-G3 /

This certificate just covers PV inverters models certified below above-mentioned references to be installed in PV generating of type plants **B** to be connected to a LV distribution network.

The above-mentioned product is certified according to the standard EN 50549-1:2019 and is valid to be installed in PV generating of type plants 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.

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: 17th of January 2022.

This certificate is valid until: 17th of January 2027.

Madrid, 17th of January 2022

Daniel Arranz Muñiz Certification Manager





SGS Tecnos, S.A. C/ Trespaderne, 29 - 28042 Madrid
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Model	SOFAR SOFAR SOFAR		SOFAR	SOFAR				
	25KTLX-G3	30KTLX-G3	30KTLX-G3-A	33KTLX-G3	36KTLX-G3			
	•	DC Input						
Max. DC voltage	1100 V							
Rated input voltage	620 V							
MPPT voltage range	180 V-1000 V							
		AC Output						
Rated AC Output power	25 kW	30 kW	29.9 kW	33 kW	36 kW			
Max. AC Output power	28 kVA	34 kVA	29.9 kVA	37 kVA	40 kVA			
Nominal grid voltage	3/N/PE, 230V/400V							
Nominal output frequency	50Hz							

Model	SOFAR 40KTLX-G3	SOFAR 45KTLX-G3	SOFAR 50KTLX-G3	SOFAR 40KTLX-G3-HV	SOFAR 50KTLX-G3-HV		
		DC	Input				
Max. DC voltage	1100 V						
Rated input voltage	620 V			725 V			
MPPT voltage range	180 V~1000 V						
	The place of the control of the cont	AC (Output				
Rated AC Output power	40 kW	45 kW	50 kW	40 kW	50 kW		
Max. AC Output power	44 kVA	50 kVA	55 kVA	44 kVA	55 kVA		
Nominal grid voltage	3/N/PE, 230 V/400 V			3P/PE, 277 V/480 V			
Nominal output frequency	50 Hz						





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