



Certificate of Conformity

By the product ce	rtificate 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:	SSFAR	
Manufacturer:	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 25KTLX-G3 / SOFAR 30KTLX-G3 / SOFAR 30K SOFAR 40KTLX-G3 / SOFAR 45KTLX-G3 / SOFAR 50K	TLX-G3-A / SOFAR 33KTLX-G3 / SOFAR 36KTLX-G3 / TLX-G3 / SOFAR 40KTLX-G3-HV / SOFAR 50KTLX-G3-HV
Technical Data:	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
le in compliance :		
Is in compliance w	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.

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.

SG

Madrid, 17th of January 2022

Daniel Arranz Muñiz Certification Manager



SGS Tecnos, S.A. C/ Trespaderne, 29 - 28042 Madrid This certificate is issued by SGS under its General Conditions for Product Certification at <u>www.sqs.com/terms_and_conditions</u>. The status and validity of the certificate can be checked scanning the QR code above included or through the following web link database: https://www.sgs.com/en/certified-clients-and-products/electrical-products/

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Model	SOFAR	SOFAR	SOFAR	SOFAR	SOFAR		
Wodel	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								
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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