

# 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:



**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 30KTLX-G3-A / SOFAR 33KTLX-G3 / SOFAR 36KTLX-G3 / SOFAR 40KTLX-G3 / SOFAR 45KTLX-G3 / SOFAR 50KTLX-G3 / SOFAR 40KTLX-G3-HV / SOFAR 50KTLX-G3-HV

<b>Technical Data:</b>	<b>Rated Active Power</b>	See page 2
	<b>Rated Voltage</b>	See page 2
	<b>Rated Frequency</b>	50 Hz
	<b>Firmware version</b>	V000001
	<b>Number of phases</b>	See page 2
	<b>Isolation transformer</b>	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.

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: 17<sup>th</sup> of January 2022.

This certificate is valid until: 17<sup>th</sup> of January 2027.

Madrid, 17<sup>th</sup> of January 2022



Daniel Arranz Muñiz  
Certification Manager





Model	SOFAR 25KTLX-G3	SOFAR 30KTLX-G3	SOFAR 30KTLX-G3-A	SOFAR 33KTLX-G3	SOFAR 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				

