

# CERTIFICATE OF CONFORMITY

**Certificate number**

**No: 2617 / 1094 – IND/CER**

**Holder**

**Shenzhen SOFARSOLAR Co., Ltd.**  
5/F, Building 4, Antongda Industrial Park, No. 1 Liuxian Avenue, Xin'an Street, Bao'an District, Shenzhen City, Guangdong Province, P.R. China

**Trademark**



**Tested model**

**SO FAR 6KTLM-G2**

**Variant models**

**SO FARSOLAR / SO FAR 5KTLM-G2; SO FARSOLAR / SO FAR 4.6KTLM-G2; SO FARSOLAR / SO FAR 4KTLM-G2; SO FARSOLAR / SO FAR 3.6KTLM-G2; SO FARSOLAR / SO FAR 3KTLM-G2**

**Type of generating unit**

**Utility Interactive Inverter**

**Technical Data**

<b>Nominal Power [kW]</b>	<b>See page 2</b>
<b>Nominal Voltage [V]</b>	<b>See page 2</b>
<b>Nominal Frequency [Hz]</b>	<b>50</b>
<b>Firmware version</b>	<b>V0.22</b>
<b>Number of phases</b>	<b>Single phases</b>
<b>Isolation transformer</b>	<b>NO</b>

This certificate of conformity confirms that one sample of the above-mentioned product is in compliance with:

- **IEC 60068-2-1:2007.** Environmental testing. Part 2-1: Tests. Test Ae: Cold.
- **IEC 60068-2-2:2007.** Environmental testing. Part 2-2: Tests. Test Be: Dry heat.
- **IEC 60068-2-14:2009.** Environmental testing. Part 2-14: Tests. Test Nb: Change of temperature.
- **IEC 60068-2-30:2005.** Environmental testing. Part 2-30: Tests. Test Db-Variant 1: Damp heat, cyclic (12 h + 12 h cycle).
- **IEC 61683:1999.** Photovoltaics systems - Power conditioners - Procedure for measuring efficiency.
- **IEC 62116:2014.** Test procedure of islanding prevention measures for utility-interconnected photovoltaic inverters
- **IEC 61727:2004.** Photovoltaics (PV) systems – Characteristics of the utility interface

This certificate of conformity is based upon the test results of the test reports number below detailed and is only valid when the product is manufactured in accordance with the tested sample.

- 2217 / 1094 – 1 for **IEC 62116:2014**
- 2217 / 1094 – 2 for **IEC 60068-2-1:2007; IEC 60068-2-2:2007; IEC 60068-2-14:2009; IEC 60068-2-30:2005**
- 2217 / 1094 – 3 for **IEC 61727:2004**
- 2217 / 1094 – 4 for **IEC 61683:1999**

This certificate will expire in 5 years from the release date of these tests reports, issued the 05<sup>th</sup> December of 2017.

**Madrid, 05<sup>th</sup> of December 2017**

**Daniel Arranz Muñiz**  
Certification Manager





**Full list of equipments and nominal characteristics:**

Product Model	SOFAR 3KTLM-G2	SOFAR 3.6KTLM-G2	SOFAR 4KTLM-G2	SOFAR 4.6KTLM-G2	SOFAR 5KTLM-G2	SOFAR 6KTLM-G2
<b>Input (DC)</b>						
Max.DC Input Power	3500W	4000W	4400W	5000W	5500W	6600W
Max.DC Voltage	600V					
Power Turn on	80V					
Start-up input voltage	120V					
Rated input voltage	360V					
MPPT Voltage Range	90-580V					
Full load DC voltage range	160-520V	180-520V	200-520V	230-520V	250-520V	300-520V
MAX input current per MPPT	11A/11A					
Number of DC inputs	2/2					
<b>Output(AC)</b>						
Max AC Output power	3000VA	3680VA	4000VA	4600VA	5000VA	6000VA
Max AC Output power (PF=1)	3000W	3680W	4000W	4600W	5000W	6000W
Max AC Output Current	13.7A	16.8A	18.2A	21A	22.8A	27.3A
Nominal Grid Voltage	230Vac(Single phase)					
Nominal Frequency	50Hz					
Power factor	1 (adjustable+/-0.9)					
Topology	Transformerless					
Operating temperature range	-25-60°C					
Degree of protection	IP65					

Serial number: ZG1ES060H61001 (The Equipment are changed by software)

Firmware version: V0.22

