



VERIFICATION OF COMPLIANCE

No.: **GZES2105019407PV**

Applicant: **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: **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

Product Name: Solar Grid-tied Inverter

Product Description: Grid connected photovoltaic inverter

Model No.: SOFAR 7KTLM-G3, SOFAR 7.7KTLM-G3,
SOFAR 8KTLM-G3, SOFAR 9KTLM-G3,
SOFAR 10KTLM-G3, SOFAR 10.5KTLM-G3

Trade Mark: 

Intended Use: PV system

Rating: See page 2

Additional Information (if any): IP 65, Class I

Sufficient samples of the product have been tested and found to be in conformity with

Test Standard: **EN 50530:2010/A1:2013**
as shown in the

Test Report Number(s): **GZES210501940701**

This Verification of Compliance has been granted to the applicant based on the results of tests, performed by Laboratory of SGS-CSTC Standards Technical Services Co., Ltd. on sample of the above-mentioned product in accordance with the provisions of the relevant specific standards.


David Guo
Senior Technical Manager
SGS-CSTC



2021-07-15

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Other information added:

Rating:

Model	SOFAR 7KTLM-G3	SOFAR 7.7KTLM-G3	SOFAR 8KTLM-G3	SOFAR 9KTLM-G3	SOFAR 10KTLM-G3	SOFAR 10.5KTLM-G3
DC Input						
Max. DC voltage (Vdc)	600					
MPPT voltage range (Vdc)	80 - 550					
Full load MPPT voltage range (Vdc)	200 - 500	200 - 500	230 - 500	260 - 500	280 - 500	300 - 500
Max. input current (A)	20 / 16 / 16					
Max. input short circuit current (A)	30 / 25 / 25					
AC Output						
Rated power (W)	7000	7700	8000	9000	10000	10500
Max. AC power (VA)	7700	7700	8800	9900	10000	10500
Nominal output current (A)	31.8	35	36.4	40.9	45.5	45.6
Max. output current (A)	35	35	40	45	46	46
Nominal grid voltage	L/N/PE, 230V					
Nominal output frequency	50Hz/60Hz					
Output power factor	1 (Adjustable from 0.8 leading to 0.8 lagging)					
Operating temperature range	-30 to +60°C (derating at +45°C)					
Ingress protection	IP65					
Protective class	Class I					




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