



VERIFICATION OF COMPLIANCE

No.: GZES1907019913PV

Applicant: Shenzhen SOFAR SOLAR Co., Ltd.
401, Building 4, AnTongDa Industrial Park, District 68,
XingDong Community, XinAn Street, BaoAn District,
Shenzhen City, Guangdong Province, P.R. China.

Manufacturer: Dongguan SOFAR SOLAR Co., Ltd.
1F-6F, Building E, No.1 JinQi Road, Bihu Industrial Park, Wulian
Village, Fenggang Town, Dongguan, P.R. China.

Product Name: Solar Grid-tied Inverter

Product Description: Inverter used in PV system

Model No.: SOFAR 6KTLM-G2, SOFAR 5KTLM-G2, SOFAR 4.6KTLM-G2,
SOFAR 4KTLM-G2

Trade Mark: 

Rating: Refer to page 2

Intended Use: PV System

Protection against Electric Shock: Class I

Additional Information (if any): IP65
Control software version: V1.50

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

Test Standard: Engineering Recommendation G99 Issue 1 - Amendment 3
March 2019

as shown in the

Test Report Number(s): GZES190701991301

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



2019-07-29

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Other information added:

Rating:

Model Number	SOFAR 6KTLM-G2	SOFAR 5KTLM-G2	SOFAR 4.6KTLM-G2	SOFAR 4KTLM-G2
Max. input voltage	600Vd.c.			
Max. input current	11Ad.c. x2			
MPPT voltage range	90-580Vd.c.			
Rated grid voltage	Single phase, 230Vac			
Rated grid frequency	50Hz/60Hz			
Rated output power	6000W	5000W	4600W	4000W
Rated output current	27.3Aa.c	22.8Aa.c	21Aa.c	18.2Aa.c
Power factor	1(adjustable 0.8 leading to 0.8 lagging)			
Ambient temperature	-25°C~60°C			
Ingress protection	IP65			
Protective class	Class I			
Inverter Topology	Non-Isolated			

David Guo
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 SGS-CSTC



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