



VERIFICATION OF COMPLIANCE

No.: **GZES1901010702PV**

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: 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

Product Name: Solar Grid-tied Inverter

Product Description: Grid connected photovoltaic inverter

Model No.: **SOFAR 6KTLM-G2, SOFAR 5KTLM-G2,
SOFAR 4.6KTLM-G2, SOFAR 4KTLM-G2,
SOFAR 3.6KTLM-G2**

Trade Mark: 

Intended Use: PV system

Rating: See page 2

Additional Information (if any): IP 65, Class I
Software version: V0.22

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

Test Standard: Engineering Recommendation G99 Issue 1 – Amendment 1
16 May 2018

as shown in the

Test Report Number(s): GZES190101070201

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.



Roger Hu
Technical Manager
SGS-CSTC





No.:

GZES1901010702PV

Other information added:

Rating:

Product Model	SOFAR 3.6KTLM-G2	SOFAR 4KTLM-G2	SOFAR 4.6KTLM-G2	SOFAR 5KTLM-G2	SOFAR 6KTLM-G2
Input (DC)					
Max.DC Input Power	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	180-520V	200-520V	230-520V	250-520V	300-520V
MAX input current per MPPT	11A/11A				
Number of DC inputs	2/2				
Output(AC)					
Max AC Output power	3680VA	4000VA	4600VA	5000VA	6000VA
Max AC Output power (PF=1)	3680W	4000W	4600W	5000W	6000W
Max AC Output Current	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				

Roger Hu
 Technical Manager
 SGS-CSTC



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