

VERIFICATION OF COMPLIANCE

No.: GZES2207014044PV


Applicant: Shenzhen SOFARSOLAR Co., Ltd.
11/F., Gaoxinqi Technology Building, No. 67 Area, Xingdong Community, Xin'an Sub-district, Bao'an District, Shenzhen, Guangdong, China

Manufacturer: Shenzhen SOFARSOLAR Co., Ltd.
11/F., Gaoxinqi Technology Building, No. 67 Area, Xingdong Community, Xin'an Sub-district, Bao'an District, Shenzhen, Guangdong, China

Product Name: Solar Grid-tied Inverter (Single Phase)

Product Description: Inverter used in PV system

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

Trade Mark: 

Rating: Refer to page 2

Protection against Electric Shock: Class I

Additional Information (if any): IP 65
Software version: V000001

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

Test Standard: ENA Engineering Recommendation G99 Issue 1 Amendment 8,
01 September 2021

as shown in the

Test Report Number(s): GZES220701404401

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

2022-09-23

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Other information added:

Rating:

Model Number	SOFAR 7KTLM -G3	SOFAR 7.7KTLM -G3	SOFAR 8KTLM -G3	SOFAR 9KTLM -G3	SOFAR 10KTLM -G3	SOFAR 10.5KTLM -G3
Input (DC)						
Max. input power	10500 W	10500 W	12000 W	13500 W	15000 W	15000 W
Max. input voltage	600 V					
Start-up voltage	90 V					
Rated input voltage	360 V					
MPPT operating voltage range	80 V~550 V					
Full power MPPT voltage range	200 V~ 500 V	200 V~ 500 V	230 V~ 500 V	260 V~ 500 V	280 V~ 500 V	300 V~ 500 V
Max. input MPPT current	20A/16A/16A					
Output (AC)						
Rated power	7000 W	7700 W	8000 W	9000 W	10000 W	10500 W
Max. AC power	7700 VA	7700 VA	8800 VA	9900 VA	10000 VA	10500 VA
Nominal output current	31.8 A	35 A	36.4 A	40.9 A	45.5 A	45.6 A
Max output current	35 A	35 A	40 A	45 A	46 A	46 A
Nominal grid voltage	L/N/PE, 230 Vac					
Nominal frequency	50 Hz					
Power factor	1 default (adjustable+/-0.8)					
Ambient temperature range	-30 °C ~65 °C					
Degree of protection	IP65					
Protective Class	Class I					


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