



VERIFICATION OF COMPLIANCE

No.: GZES2101000454PV01

Applicant: Shenzhen SOFARSOLAR Co., Ltd.
401, Building 4, AnTongDa Industrial Park, District 68, XingDong
Community, XinAn Street, BaoAn District, Shenzhen, Guangdong,
China

Manufacturer: Shenzhen SOFARSOLAR Co., Ltd.
401, Building 4, AnTongDa Industrial Park, District 68, XingDong
Community, XinAn Street, BaoAn District, Shenzhen, Guangdong,
China

Product Name: Solar Grid-tied Inverter

Product Description: Inverter used in PV system

Model No.: SOFAR 3.3KTL-X; SOFAR 4.4KTL-X; SOFAR 5KTL-X;
SOFAR 5.5KTL-X; SOFAR 6.6KTL-X; SOFAR 8.8KTL-X;
SOFAR 11KTL-X

Trade Mark: 

Rating: Refer to page 2

Intended Use: PV System

Protection against Electric Shock: Class I

Additional Information (if any): IP 65
Firmware version: V2.80

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

Test Standard: Engineering Recommendation G98 Issue 1 - Amendment 3 March
2019

as shown in the

Test Report Number(s): GZES210100045401

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



2021-02-09

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Other information added :
Rating

Model Number	SOFAR 3.3KTL-X	SOFAR 4.4KTL-X	SOFAR 5KTL-X	SOFAR 5.5KTL-X
Input (DC)				
Max. input voltage	1000 V			
Start-up voltage	200 V			
Operating MPPT voltage range	160~960V			
Max. input MPPT current	11A/11A			
Full power MPPT voltage range	160~850V	190~850V	240~850V	240~850V
Max. Input power	4390W	5860W	6650W	7320W
Output (AC)				
Rated grid voltage	3/N/PE, 230/400V			
Rated grid frequency	50Hz			
Rated output current	3 x 4.3A	3 x 5.8A	3 x 7.2A	3 x 7.2A
Max. output current	3 x 4.8A	3 x 6.4A	3 x 8.0A	3 x 8.0A
Rated output power	3000W	4000W	5000W	5000W
Max. output power	3300VA	4400VA	5000VA	5500VA
Power factor	1 (adjustable+/-0.8)			
Ambient temperature range	-25 °C ~60 °C			
Ingress protection	IP65			
Protective class	Class I			

Model Number	SOFAR 6.6KTL-X	SOFAR 8.8KTL-X	SOFAR 11KTL-X
Input (DC)			
Max. input voltage	1000 V		
Start-up voltage	200 V		
Operating MPPT voltage range	160~960V		
Max. input MPPT current	11A/11A		
Full power MPPT voltage range	290~850V	380~850V	480~850V
Max. Input power	8780W	11710W	15960W
Output (AC)			
Rated grid voltage	3/N/PE, 230/400V		
Rated grid frequency	50Hz		
Rated output current	3 x 8.7A	3 x 11.6A	3 x 14.5A
Max. output current	3 x 9.6A	3 x 12.8A	3 x 15.9A
Rated output power	6000W	8000W	10000W
Max. output power	6600VA	8800VA	11000VA
Power factor	1 (adjustable+/-0.8)		
Ambient temperature range	-25 °C ~60 °C		
Ingress protection	IP65		
Protective class	Class I		


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