



## VERIFICATION OF COMPLIANCE

No.: GZES2101000453PV

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 30000TL-G2, SOFAR 25000TL-G2  
SOFAR 20000TL-G2, SOFAR 33000TL-G2

Trade Mark:



Rating:

Refer to page 2

Intended Use:

PV System

Protection against Electric Shock:

Class I

Additional Information (if any):

V2.50

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

Test Standard:

EN A Engineering Recommendation G99 Issue 1 Amendment 3  
May 2018

as shown in the

Test Report Number(s):

GZES210100045301

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



2021-03-16

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Other information added :  
Ratings

Model Number	SOFAR 20000TL-G2	SOFAR 25000TL-G2	SOFAR 30000TL-G2	SOFAR 33000TL-G2
Max. PV input voltage	1100V <sub>dc</sub>			
Operating MPPT voltage range	230V <sub>dc</sub> - 960V <sub>dc</sub>			
Full load MPPT voltage range	480V <sub>dc</sub> - 850V <sub>dc</sub>	460V <sub>dc</sub> - 850V <sub>dc</sub>	520V <sub>dc</sub> - 850V <sub>dc</sub>	580V <sub>dc</sub> - 850V <sub>dc</sub>
No. Of MPP inputs	2			
Max. input current	24A <sub>dc</sub> / 24A <sub>dc</sub>	28A <sub>dc</sub> / 28A <sub>dc</sub>	30A <sub>dc</sub> / 30A <sub>dc</sub>	30A <sub>dc</sub> / 30A <sub>dc</sub>
Rated grid voltage	3P/N/PE 230/400V <sub>ac</sub>			
Rated grid frequency	50Hz			
Rated output power	20000W	25000W	30000W	33000W
Max. output power	22000VA	27500VA	33000VA	36300VA
Max. AC output Current	3x32A <sub>ac</sub>	3x40A <sub>ac</sub>	3x48A <sub>ac</sub>	3x53A <sub>ac</sub>
Rated AC output Current	3x29.0A <sub>ac</sub>	3x36.2A <sub>ac</sub>	3x43.5A <sub>ac</sub>	3x47.8A <sub>ac</sub>
Power factor	>0.99 (adjustable+/-0.8)			
Ambient temperature range	-25 °C ~60 °C			
Ingress protection	IP65			
Protective class	Class I			




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