



VERIFICATION OF COMPLIANCE

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No.:	SHES210500977301PVC
Applicant:	SUNGROW POWER SUPPLY CO., LTD. No.1699 Xiyou Rd., New & High Technology Industrial Development Zone Hefei, Anhui 230088, P. R. China
Product Description:	Grid-Connected PV Inverter
Model No.:	SG0.7RS-S; SG1.0RS-S; SG1.5RS-S; SG2.0RS-S; SG2.5RS-S; SG3.0RS-S; SG3.0RS; SG3.6RS
Rating:	Refer to page 2 and 3
Protection against Electric Shock:	Class I
Degree of Protection:	IP65
Additional Information (if any):	Single phase – Fixed installation
Sufficient samples of the product have been tested and found to be in conformity with	
Test Standard:	Engineering Recommendation G98 Issue 1 - Amendment 4 June 2019, Requirements For The Connection Of Fully Type Tested Micro-Generators (Up To And Including 16 A Per Phase) In Parallel With Public Low Voltage Distribution Networks On Or After 27 April 2019
as shown in the Test Report Number(s):	SHES210500977371

Van Hua
Laboratory Technical Manager
SGS-CSTC



2021-05-20

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VERIFICATION OF LVD COMPLIANCE

Attachment to Verification No. : SHES210500977301PVC

Rating:

Model Number	SG0.7RS-S	SG1.0RS-S	SG1.5RS-S	SG2.0RS-S
Input (DC)				
Max. input voltage	600 V			
Start-up voltage	40 V			
Operating MPPT voltage range	40~560V			
Max. input MPPT current	16A			
Output (AC)				
Rated grid voltage	230 V			
Rated grid frequency	50Hz			
Max. output current	3.2A	4.6A	6.9A	9.1A
Rated output power	700W	1000W	1500W	2000W
Rated Apparent Power	700VA	1000VA	1500VA	2000VA
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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VERIFICATION OF LVD COMPLIANCE

Attachment to Verification No. : SHES210500977301PVC

Model Number	SG2.5RS-S	SG3.0RS-S	SG3.0RS	SG3.6RS
Input (DC)				
Max. input voltage	600 V			
Start-up voltage	40 V			
Operating MPPT voltage range	40~560V			
Max. input MPPT current	16A	32 A (16 A / 16 A)		
Output (AC)				
Rated grid voltage	230 V			
Rated grid frequency	50Hz			
Max. output current	11.4A	13.7A	13.7A	16A
Rated output power	2500W	3000W	3000W	3680W
Rated Apparent Power	2500VA	3000VA	3000VA	3680VA
Power factor	>0.99 (adjustable+/-0.8)			
Ambient temperature range	-25 °C ~60 °C			
Ingress protection	IP65			
Protective class	Class I			

Van Hua
Laboratory Technical Manager 02
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2021-05-20

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