



# 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

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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			

Van Hua  
Laboratory Technical Manager  
SGS-CSTC

2021-05-20

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## VERIFICATION OF LVD COMPLIANCE

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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  
SGS-CSTC

2021-05-20

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