



VERIFICATION OF COMPLIANCE

No.: SHES210400681801PVC

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.: SG2.0RS-S, SG2.5RS-S, SG3.0RS-S, SG3.0RS, SG3.6RS,
SG4.0RS, SG5.0RS, SG6.0RS

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: VDE 0126-1-1:2013: Automatic disconnection device between a
generator and the public low-voltage grid.
(Covered with Enedis-PRO-RES_10E:26/06/2020 and VFR
2019)

as shown in the
Test Report Number(s): SHES210400681871

Van Hua
Laboratory Technical Manager
SGS-CSTC



2021-05-21

Copyright of this verification is owned by SGS-CSTC Standards Technical Services Co., Ltd. and may not be reproduced other than in full and with the prior approval of the General Manager. This verification is subjected to the governance of the General Conditions of Services, printed overleaf.

Member of SGS Group (Société Générale de Surveillance)

Note: You may contact us to validate this document by email address: EE.shanghai@sgs.com

Safety-VOC-F004
Rev01/Effective Date :2020-12-11
Page 1 of 3

This document is issued, on the Client's behalf, by the Company under its General Conditions of Service printed overleaf.
The Client's attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

Any other holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Clients instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents.

SGSPAPER
20437867





VERIFICATION OF LVD COMPLIANCE

Attachment to Verification No. : SHES210400681801PVC

Rating:

Model	SG2.0RS-S	SG2.5RS-S	SG3.0RS-S	SG3.0RS
DC Input				
Max. DC voltage	600 V			
Start-up operating voltage	40 V			
MPPT voltage range	40~560 V			
Max. input MPPT current	16 A		16/16 A	
Max. input short circuit current	20 A		20/20 A	
AC Output				
Rated AC Output power (kW)	2000W	2500W	3000W	3000W
Max. AC Output power (kVA)	2000VA	2500VA	3000VA	3000VA
Max. output current	9.1 A	11.4 A	13.7 A	13.7 A
Nominal grid voltage	230 V			
Nominal output frequency	50 Hz			
Output power factor	> 0.99 (adjustable +/- 0.8)			
Operating temperature range	-25 °C ~60 °C			
Ingress protection	IP65			
Protective class	Class I			

Van Hua
Laboratory Technical Manager
SGS-CSTC



2021-05-21

Copyright of this verification is owned by SGS-CSTC Standards Technical Services Co., Ltd. and may not be reproduced other than in full and with the prior approval of the General Manager. This verification is subjected to the governance of the General Conditions of Services, printed overleaf.

Member of SGS Group (Société Générale de Surveillance)

Note: You may contact us to validate this document by email address: EE.shanghai@sgs.com

Safety-VOC-F004
Rev01/Effective Date :2020-12-11
Page 2 of 3

This document is issued, on the Client's behalf, by the Company under its General Conditions of Service printed overleaf. The Client's attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

Any other holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Clients instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents.

SGSPAPER
20437868





VERIFICATION OF LVD COMPLIANCE

Attachment to Verification No. : SHES210400681801PVC

Model	SG3.6RS-S	SG4.0RS	SG5.0RS	SG6.0RS
DC Input				
Max. DC voltage	600 V			
Start-up operating voltage	40 V			
MPPT voltage range	40~560 V			
Max. input MPPT current	16/16 A			
Max. input short circuit current	20/20 A			
AC Output				
Rated AC Output power (kW)	3680W	4000W	5000W	6000W
Max. AC Output power (kVA)	3680VA	4000VA	5000VA	6000VA
Max. output current	16 A	18.2 A	22.8 A	27.3 A
Nominal grid voltage	230 V			
Nominal output frequency	50 Hz			
Output power factor	> 0.99 (adjustable+/-0.8)			
Operating temperature range	-25 °C ~60 °C			
Ingress protection	IP65			
Protective class	Class I			

Van Hua
Laboratory Technical Manager
SGS-CSTC



2021-05-21

Copyright of this verification is owned by SGS-CSTC Standards Technical Services Co., Ltd. and may not be reproduced other than in full and with the prior approval of the General Manager. This verification is subjected to the governance of the General Conditions of Services, printed overleaf.

Member of SGS Group (Société Générale de Surveillance)

Note: You may contact us to validate this document by email address: EE.shanghai@sgs.com

Safety-VOC-F004
Rev01/Effective Date :2020-12-11
Page 3 of 3

This document is issued, on the Client's behalf, by the Company under its General Conditions of Service printed overleaf. The Client's attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

Any other holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Clients instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents.

SGSPAPER
20437869

