

Certificate of Conformity

Registered No.:
COCSHV02023/20

File reference	Test report No.	Date of issue
SHV02023/20-02	TRSHV02023/20/01	2020-04-09
SHV02023/20-03	TRSHV02023/20/02	

On the basis of the tests undertaken, the samples of the below product(s) have been found to comply with the essential requirements of the referenced specifications at the time the tests were carried out:

Applicant: **Sungrow Power Supply Co., Ltd.**
No. 1699 Xiyou Road, New & High Technology Industrial Development Zone
Hefei City, Anhui Province, 230088, P.R China

Manufacturer: **Sungrow Power Supply Co., Ltd.**
No. 1699 Xiyou Road, New & High Technology Industrial Development Zone
Hefei City, Anhui Province, 230088, P.R China

Product: **Grid-connected PV inverter**

Type designation: **SG25CX-SA**

Standard(s): Test according to IEC 61727:2004 and IEC 62116:2014 for PV Inverter.
See test report for detailed information.

This document is based on the evaluation of the samples of the above mentioned product(s). It does not imply an assessment of the mass-production of the product(s), and it does not permit the use of a TÜV NORD mark. The holder of this document may use it in connection with the related test report(s)



Renewable Energy

TÜV NORD (HANGZHOU) CO., LTD.
Member of TÜV NORD Group
Tel: +86-571-85386989
Fax: +86-571-85386986
www.tuv-nord.com/cn
P.R. China

ANNEX

Annex 1, Page 1 of 1

to Certificate registration no. 44 799 20 406749 - 026

Description of product(s):

Model type(s)	SG25CX-SA		
PV Input:			
Vmax [Vd.c.]	1100	Isc [Ad.c.]	3*40
MPP Voltage Range [Vd.c.]	200-1000	MPP Full Power Voltage Range [Vd.c.]	400-850
Max. Input Current [Ad.c.]	3*26	MPPT tracking	3
Back-feed Current [A]	0	-	-
AC Output:			
Rated Output Voltage [Va.c.]	220/1273F/N/PE	Rated Output Frequency [Hz] . .	50/60
Rated Output Power [W]	25000	Max. Apparent Power [W]	27500
Max. Output Current [Aa.c.]	72.2	Power Factor cosφ [λ]	[-0.80, 0.80]
General Information:			
Type of inverter	Non-isolated	Separated by	Transformer-less
Protective Class	Class I	Enclosure Protection (IP)	IP66
Operating Temperature Range [°C]	-30 to 60 (>50 derating)	Pollution degree (PD)	PD 3 (Inside PD2)
Weight [kg]	62	Size (W x H x D) [mm]	740*645*310
Over voltage Category (OVC) ... :	PV Input: II, AC Output: III		
Firmware Control board	MDSP_AGATE-S_V11_V01_A		
Firmware LCD	LCD_AGATE-S_V11_V01_A		

Remark:

For detailed product information, please refer to CDF (Constructional Data Form) in Annex 2 of test report.

