

# CERTIFICATE OF CONFORMITY

Issued to: Sungrow Power Supply Co., Ltd.  
No.1699 Xiyou Rd., New & High Technology Industrial Development Zone, 230088,  
Hefei, P. R. China

For the product: Grid-connected PV inverter

Trade name: **SUNGROW**

Type/Model: SG285HX, SG320HX, SG350HX

Ratings: See Annex

Manufactured by: Sungrow Power Supply Co., Ltd.  
No.1699 Xiyou Rd., New & High Technology Industrial Development Zone, 230088,  
Hefei, P. R. China

Requirements: Engineering Recommendation G99 Issue 1 – Amendment 8:2021 (G99/1-8:2021)  
(Requirements for Type B, C and D Generating Module)

This Test Certificate is granted on account of an examination by DEKRA, the results of which are laid down in a confidential file no. 6134228.51V1.1

The examination has been carried out on one single specimen or several specimens of the product, submitted by the manufacturer. The certificate does not include an assessment of the manufacturer's production. Conformity of his production with the specimen tested by DEKRA is not the responsibility of DEKRA.

Shanghai, 20 March 2023

Certificate Number: 6134228.01COCV1.1

It expires at the latest on: 20 March 2028

DEKRA Testing and Certification (Shanghai) Ltd.

Cliff Lin  
Certification Manager

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Accreditation of the certification body by IAS according to ISO/IEC 17065 for products.  
Accreditation is valid in the areas of certification mentioned in the certificate.

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PCA-141

# Annex

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## **Ratings of the test product:**

### **SG285HX:**

PV input: Max 1500 Vdc, MPPT Voltage Range: 500 ~ 1500 Vdc, Max 12 x 40 A, Isc PV: 12 x 60 A  
AC Output: 3 / PE, 800 Vac, 50 / 60 Hz, rated 285 kW, Max 285 kVA, Max 206 A.

### **SG320HX:**

PV input: Max 1500 Vdc, MPPT Voltage range: 500 ~ 1500 Vdc, Max 12 x 40 A or 14 x 30 A or 16 x 30 A,  
Isc PV: 12 x 60 A or 14 x 60 A or 16 x 60 A  
AC Output: 3 / PE, 800 Vac, 50/60 Hz, rated 295 kW, Max 352 kVA, Max 254 A.

### **SG350HX:**

PV input: Max 1500 Vdc, MPPT Voltage Range: 500 ~ 1500 Vdc, Max 12 x 40 A or 14 x 30 A or 16 x 30 A,  
Isc PV: 12 x 60 A or 14 x 60 A or 16 x 60 A  
AC Output: 3 / PE, 800 Vac, 50/60 Hz, rated 320 kW, Max 352 kVA, Max 254 A.

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