



DEKRA Testing and Certification, S.A.U.

Product certification body accredited by ENAC with accreditation No. 134/C-PR301
and designated by the competent national authority of Spain

to act as Notified Body (Notified Body No: 1909) in accordance with the Directive 2014/53/EU of 16 April 2014

Directive 2014/53/EU – EU-TYPE EXAMINATION CERTIFICATE

Identification Number: **82187RNB.001**
Issue date: **2025-04-24**

MANUFACTURER DETAILS:

Company name: **Sungrow Power Supply Co., Ltd.**
Address: **No.1699, Xiyou Road,
New & High Technology Industrial Development Zone,
HeFei City, Anhui Province, P.R.China**

EQUIPMENT DETAILS:

Type of equipment: **Inverter**
Brand name: **SUNGROW**
Model name: **SG***CX[-P*]**
HW version: **V11**
SW version: **LCD_*****_V11_V01_A**

Notes:

***: number, indicates the power of the inverter(30/33/40/50/110/150)
[-P*]: Optional, Code of Product Series, and (25/30/33/36/40/50/75/110/125)-[P2]

*****: Indicates the internal names of inverters with different electrical characteristics.
The names include: AGATE-S, AMBER-S, MARBLE-S, EMERALD-S, GARNET-S

SCOPE OF OPINION:

Essential requirements	Specifications / Standards	Submitted documents
Article 3.3(d): Network harm	EN 18031-1:2024	Test report

OPINION:

Our opinion in accordance with Annex III of DIRECTIVE 2014/53/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 April 2014 on radio equipment and the mutual recognition of their conformity is that the equipment complies with the requirements of that directive stated in the above scope.

This opinion has 1 annex with 1 page and it is only valid in conjunction with it.

Signed on behalf of DEKRA Testing and Certification, S.A.U. in Málaga (Spain)

Name: Ricardo Orejas
Position: Responsible for Certification



Annex I to EU-Type Examination Certificate No. 82187RNB.001

TECHNICAL DOCUMENTATION:

Held at: **Sungrow Power Supply Co., Ltd.**
Address: **No.1699, Xiyou Road,
New & High Technology Industrial Development Zone,
HeFei City, Anhui Province, P.R.China**

TECHNICAL FEATURES AND CHARACTERISTICS:

Operating frequency bands: **BT 2402 MHz- 2480 MHz**
Modulations: **GFSK**
Antenna: **Internal antenna**
Operating voltage: **180-1000 V**
Operating temperature: **From -30°C to +60°C**
Intended use: **Convert photovoltaic direct current into alternating current**

CONFORMITY DETAILS:

Essential requirements	Specifications / Standards	Reference documents
Article 3.3(d): Network harm	EN 18031-1:2024	6211501RCS.001A

REMARKS AND COMMENTS:

It is mandatory to inform DEKRA Testing and Certification, S.A.U. in writing about any change in the approved equipment identified in this certificate, which could affect the conformity of the apparatus with the essential requirements or the conditions of validity of this certificate.

In relation to the essential requirements laid down in Article 3.3(d) of Directive 2024/53/EU, this certificate shall take effect on or after 1 August 2025.