Declaration of Conformity

Unique identification of this DoC: SGDOC0005

Product Name: EV DC Charger

Trade name: SUNGROW

Model: IDC180E

Name of the manufacturer: Sungrow Power Supply Co., Ltd.,

Address of the manufacturer: No.1699 Xiyou Rd.,New & High Technology Industrial Development Zone, Hefei 230088 Anhui P.R. China

This declaration of conformity is issued under the sole responsibility of the manufacturer. Also this product is under manufacturer's warranty.

Conformity to the Directive 2014/53/EU is assured by the compliance with the applicable parts of the following harmonized European Standards:

- EN 301 908-1 V15.1.1
- EN 301 908-13 V13.2.1
- EN 300 328 V2.2.2
- EN 300 330 V2.1.1
- EN 301 489-1 V2.2.3
- EN 301 489-3 V2.3.2
- EN 301 489-17 V3.2.4
- EN 301 489-52 V1.2.1
- EN 62311: 2008
- EN IEC 62311: 2020
- EN 50665: 2017

Radio equipment used under Directive 2014/53/EU includes:

- WIFI communication module:
  Model: AW-AM510-I
  Frequency: 2.4GHz
- RFID communication module:
  Model: MT628V115
  Frequency: 13.56MHz
- LTE communication module:
  Model: EC25-EUX

Frequency: Band 1(1920-1980MHz), Band 3(1710-1785MHz), Band 7(2500-2570MHz), Band 8(880-915MHz), Band 20(832-862MHz), Band 28(703-733MHz), Band 38(2570-2620MHz), Band 40(2300-2400MHz)

An adequate level of electromagnetic compatibility referred to Art.3 No. 1 Lit. (b) 2014/53/EU is assured by the compliance with the applicable parts of the following harmonized European standards according to Directive 2014/30/EU:

- EN IEC 61851-21-2: 2021
- EN IEC 61000-6-1: 2019
- EN IEC 61000-6-3: 2021

The protection of health and safety referred to Art. 3 No. 1 Lit. (a) 2014/53/EU is assured by the compliance with the applicable parts of the following harmonized European standards according to Directive 2014/35/EU:

- EN IEC 61851-1: 2019
- EN 61851-23: 2014

The Object of Declaration is in conformity with below digital communication standards:

- EN 61851-24: 2014
- ISO 15118-2: 2014, ISO 15118-3: 2015, ISO 15118-4: 2018, ISO 15118-5: 2018
- DIN SPEC 70121: 2014, DIN SPEC 70122: 2018

The Object of Declaration is in conformity with Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment and Commission Delegated Directive (EU)2015/863 amending Annex II to Directive 2011/65/EU of the European Parliament.

Object of the declaration:
Signed for and on behalf of SUNGROW POWER SUPPLY CO., LTD
Place and date of issue: 2024.1.18

Signature: Zhai Jiwen
Name, function: R&D Director