

Declaration of Conformity

Unique identification of this DoC: SGDOC0006

Product Name: EV DC Charger

Trade name: SUNGROW

Model List:

Model NO.	Power(kW)	Technical data
IDC30E	30	3-phase 46A with fixed charge cable
IDC180E	180	3-phase 271A with tow fixed charge cables

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

Declaration of Conformity to VDE-AR-N 4100:2019.

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

This document serves as a general declaration, for a specification of related standards per product please see the SUNGROW CE Declaration of Conformity.

These CE certified products can be used in situations where the German low-voltage technical connection regulation VDE-AR-N 4100:2019-04 is applicable.

A generic application note on how to install the listed products in a VDE-AR-N 4100:2019-04 compliant installation can be found in Annex A of this declaration.

Object of the declaration:

Signed for and on behalf of SUNGROW POWER SUPPLY CO., LTD

Place and date of issue: March 29, 2024.

Signature: *Zhai Jiwen*

Name, function: R&D Director

Annex A

General application note: VDE-AR-N 4100:2019-04 compliant installation.

To comply with prevailing technical connection conditions, individual devices above 12 kVA require notification and approval by the local grid operator in Germany.

As per the German low-voltage technical connection regulations VDE-AR-N 4100:2019-04, only charging devices or electric vehicles with a rated output > 12 kVA require the approval of the grid operator. Also, charging devices for electric vehicles with rated outputs > 3.6 kVA per phase need to be declared to the grid operator.

Sungrow chargers can be directly load-controlled by a distribution network operator (DSO). Chargers with a total rated power of more than 12 KVA can be controlled according to VDE-AR-N 4100: 2019-04.

Back-end connected Sungrow charging stations are by default linked to an OCPP based back-end for management of charging, especially for those with an overall rated output > 12 kVA.

And registration at the local grid operator is required.

Note:

Please use this instruction together with the quick installation manual of correspondent charger, see <https://support.sungrowpower.com/> for the latest manuals.