



# Certificate of Conformity

**Certificate No.:** 2188AP010310011  
**Product:** Grid-Tied Solar Inverter  
**Brand Name:** AEG  
**Test Model No.:** AS-IR02-700, AS-IR02-1000, AS-IR02-1500,  
AS-IR02-2000, AS-IR02-2500, AS-IR02-3000  
**Applicant:** Solar Solutions GmbH  
Brückenstrasse 94, 60594 Frankfurt am Main, Germany.  
**Report No.:** PV2101WDG0310-11

## Use in accordance with regulations:

Automatic disconnection device with single-phase mains surveillance in accordance with EN 50549-1:2019 for photovoltaic systems with a single-phase parallel coupling via an inverter in the public mains supply. The automatic disconnection device is an integral part of the aforementioned inverter.

## Applied rules and standards

### EN 50549-1:2019

Requirements for generating plants to be connected in parallel with distribution networks - Part 1-1: Connection to a LV distribution network - Generating plants up to and including Type B

### DIN V VDE V 0126-1-1:2006-02 (Functional safety)

Automatic disconnection device between a generator and the public low-voltage grid

At the time of issue of this certificate the safety concept of an aforementioned representative product corresponds to the valid safety specifications for the specified use in accordance with regulations.



**Name: James Huang**  
**Technical Manager/ New Energy Team**  
**Date: 2021-03-23**

This document shall not be reproduced, except in full, without the written approval of Bureau Veritas Shenzhen Co., Ltd. Dongguan Branch.  
Information given in this document is related to the tested specimen of the described electrical sample.