



# Certificate of Conformity

**Certificate No.:** 2088AP0917N006009  
**Product:** Hybrid inverter  
**Brand Name:**   
**Test Model No.:** HYD 3000-EP, HYD 3680-EP, HYD 4000-EP, HYD 4600-EP,  
HYD 5000-EP, HYD 5500-EP, HYD 6000-EP  
**Applicant:** Shenzhen SOFARSOLAR Co., Ltd.  
401, Building 4, AnTongDa Industrial Park, District 68, XingDong Community,  
XinAn Street, BaoAn District, Shenzhen, China  
**Report No.:** PVTR200917N016

## 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, TS-EN 50549-1:2019, TS EN 50549-1/AC: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.



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**Technical Manager/ New Energy Team**  
**Date: 2021-01-20**

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Information given in this document is related to the tested specimen of the described electrical sample.