



Certificate of Conformity

Certificate No.: 2088AP0302N015013

Product: Hybrid inverter

Brand Name: 

Test Model No.: HYD 5KTL-3PH, HYD 6KTL-3PH, HYD 8KTL-3PH, HYD 10KTL-3PH,
HYD 15KTL-3PH, HYD 20KTL-3PH

Applicant: Shenzhen SOFAR SOLAR Co., Ltd.
401, Building 4, AnTongDa Industrial Park, District 68, XingDong Community,
XinAn Street, BaoAn District, Shenzhen, China

Report No.: PV200302N015-8

Use in accordance with regulations:

Automatic disconnection device with three-phase mains surveillance in accordance with EN 50549-1:2019 for photovoltaic systems with a three-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

EN 50438:2013

Requirements for micro generating plants to be connected in parallel with public low-voltage distribution networks

The following deviations for Ireland according to EN 50438:2013 were applied:

Under Voltage limit: 207V; Upper voltage limit: 253V,

Under frequency limit: 48,0Hz, Upper frequency limit: 50,5Hz

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: 2020-08-28

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