



Certificate of Conformity

Certificate No.: 2088AP200511N080015
Product: Solar Grid-tied Inverter
Brand Name: 
Test Model No.: SOFAR 15KTLX-G3, SOFAR 17KTLX-G3, SOFAR 20KTLX-G3,
SOFAR 22KTLX-G3, SOFAR 24KTLX-G3
Applicant: Shenzhen SOFARSOLAR Co., Ltd.
401, Building 4, AnTongDa Industrial Park, District 68, XingDong Community,
XinAn Street, BaoAn District, Shenzhen, China
Report No.: PVGR200511N080-2

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)

The following deviations for Greece according to EN 50549-1:2019 were applied:

Under Voltage limit stage 1: 184,0V; Upper voltage limit stage 1: 264,5V,

Under Voltage limit stage 2: 115,0V; Upper voltage limit stage 2: 287,5V,

Under frequency limit stage 1: 47,5Hz, Upper frequency limit stage 1: 51,5Hz

Under frequency limit stage 2: 47,0Hz, Upper frequency limit stage 2: 52,0Hz

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: 2020-12-25

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