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Certificate of compliance

Applicant: SMA Solar Technology AG
Sonnenallee 1
34266 Niestetal
Germany

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

Model: STP 8000TL-10, STP 10000TL-10, STP 12000TL-10,
STP 15000TL-10, STP 15000TLHE-10, STP
15000TLEE-10, STP 17000TL-10, STP 20000TLHE-10,
STP 20000TLEE-10

Use in accordance with regulations:

Automatic disconnection device with three-phase mains surveillance in accordance with EN 50438:2007 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 inverters.

Applied rules and standards :

EN 50438:2007,

Requirements for the connection of micro-generators in parallel with the public low-voltage distribution networks.

The following parameters according to EN 50438:2007 were applied. The inverter STP 12000TL-10, STP 15000TL-10, STP 15000TLHE-10, STP 15000TLEE-10, STP 17000TL-10 STP 20000TLHE-10, STP 20000TLEE-10 are designed for >16A per phase. However all requirements of the EN 50438:2007 are fulfilled.

Under voltage limit: 195,5V

Upper voltage limit: 264,5V

Under frequency limit: 47,0Hz

Upper frequency limit: 51,0Hz

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.

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Valid until:

2014-10-10

Achim Hänchen