



**Bureau Veritas Consumer
Products Services**

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Certificate of compliance

Applicant: Delta Energy Systems GmbH
Tscheulinstrasse 21
79331 Teningen
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Product: Automatic disconnection device between a generator
and the public low-voltage grid

Model: SOLIVIA 11EUG4TR EOE48030114

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 SOLIVIA 11EUG4TR EOE48030114 is 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.

Report number: 11TH0120-EN50438
Certificate number: U12-0681
Date of issue: 2012-01-19 **Valid until:** 2015-01-18

Achim Hänchen