



**BUREAU
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Certification body of BV CPS GmbH
Accredited according to EN 45011 -
ISO / IEC Guide 65

Certificate of compliance

Applicant: **Delta Energy Systems (Germany) GmbH**
Tscheulinstr. 21
79331 Teningen
Germany

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

Model: **SOL5.0-1TR1-G4 EOE46010554**

Use in accordance with regulations:

Automatic disconnection device with single-phase mains surveillance in accordance with Engineering Recommendation G59/2 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. This serves as a replacement for the disconnection device with isolating function that can access the distribution network provider at any time.

Applied rules and standards:

DIN V VDE V 0126-1-1:2006-02 ((Functional safety) and Engineering Recommendation G59/2: The SOL5.0-1TR1-G4 EOE46010554 are rated $>16A$ and $\leq 50kW$ (3 phase) or $17kW$ (1 phase). The default values for "Small Power Stations" on the low-voltage grid were verified.

Distribution Code: Modification to the Distribution Code to implement a change to Engineering Recommendation G59/2 relating to the limits of DC injection April 2011

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: **11TH0375-G59/2**

Certificate number: **U13-0717**

Date of issue: **2013-10-07** **Valid until:** **2016-10-06**

Certification body

Dieter Zitzmann



Deutsche
Akkreditierungsstelle
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QUALITY



HEALTH



SAFETY



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