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

Certificate of Conformity self-generation unit

Manufacturer / applicant: Delta Energy Systems (Germany) GmbH
Tscheulinstr. 21
79331 Teningen
Deutschland

Type of power generation unit:	Grid-bound photovoltaic inverter			
Rated values:	Solivia2.5EUG4 TR EOE45010288	Solivia3.0EUG4 TR EOE46010287	Solivia3.3EUG4 TR EOE46010252	Solivia3.6EUG4 TR EOE46010316
Maximum active power $P_{E_{max}}$:	2,61kW	3,21kW	3,46kW	3,58kW
Maximum apparent power $S_{E_{max}}$:	2,61kVA	3,21kVA	3,46kVA	3,59kVA
Rated voltage.	230 V	230 V	230 V	230 V

Firmware version **SYS: 1.2.x**
DC: 0.35.x; AC: 0.35.x; ENS: 0.35.x

Connection rule: **VDE-AR-N 4105:2011-08 – Power generation systems connected to the low-voltage distribution network**

Technical minimum requirements for the connection to and parallel operation with low-voltage distribution networks.

Applicable standards / directives: **E DIN V VDE V 0124-100 (VDE V 0124-100):(2011-11) – Grid integration of power generation systems – low voltage**

Test requirements for power generation units to be connected and operated parallel with the low-voltage distribution networks

The above mentioned generation unit has been tested and certified according to the test guideline VDE 0124-100. The electrical properties required in the connection rule are satisfied.

- Verification of permissible system perturbations
- Verification of the symmetry characteristics of three-phase inverter modules
- Verification of the characteristics of the power generation unit on the network
- Verification of the possibility to take part in the generation management / network security management

The certificate contains the following information:

- Technical specifications of the power generation unit, the deployed auxiliary equipment and the software version used.
- Schematic structure of power generation unit
- Summarised information about the characteristics of the power generation unit (mode of operation)

BV project number: **11TH0316**

Certificate number: **U12-0491**

Date of issue: **2012-05-31**

Valid until: **2015-05-30**

Certification body

Dieter Zitzmann



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