



# Certificate of compliance

**Applicant:** Steca Elektronik GmbH  
Mammostraße 1  
87700 Memmingen  
Germany

**Product:** Photovoltaic (PV) inverter

**Model:**

StecaGrid 4200	StecaGrid 4200x
StecaGrid 3600	StecaGrid 3600x
StecaGrid 3010	StecaGrid 3010x
StecaGrid 3000	
StecaGrid 2500	StecaGrid 2500x
StecaGrid 2300	StecaGrid 2300x
StecaGrid 2000	StecaGrid 2000x
StecaGrid 1800	StecaGrid 1800x
StecaGrid 1500	StecaGrid 1500x

## Use in accordance with regulations:

Automatic disconnection device with single-phase mains surveillance in accordance with IEC 61727:2004 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 inverters.

## Applied rules and standards:

### NRS 097-2-1:2010 ed1.0

Grid interconnection of embedded generation; Part 2: Small-scale embedded generation  
Section 1: Utility interface

### IEC 61727:2004 ed2.0

Photovoltaic (PV) systems – Characteristics of the utility interface

### IEC 62116:2008 ed1.0

Test procedure of islanding prevention measures for utility-interconnected photovoltaic inverters

### DIN V VDE V 0126-1-1:2006-02 (Functional safety)

Automatic disconnection device between a generator and parallel to the public low voltage network

**Note:** The inverters have single-phase mains surveillance and are not able to communicate with each other to detect an out-of bound voltage on any of the phases. According to NRS 097-2-1 an external three-phase mains surveillance unit is necessary for installations above 3kW to detect an out-of-bound voltage condition on any of the phases.

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:** 10TH0241-NRS 097-2-1  
**Certificate number:** U15-0323  
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## Certification body

Dieter Zitzmann



Certification body of Bureau Veritas Consumer Products Services Germany GmbH  
Accredited according to EN 45011 - ISO / IEC Guide 65