

Certificate

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

Product: **PV Inverter**

Model:	Steca Grid 1511	Steca Grid 2011	Steca Grid 2511	Steca Grid 3011	Steca Grid 3011 2	Steca Grid 3611	Steca Grid 3611 2	Steca Grid 4611 2
Rating:	1500W	2000W	2500W	3000W		3680W		4600W

Intended use:

Automatic disconnection device with single-phase mains surveillance 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.

Applied standards and guidelines:

SOP-9-1_11 GCC Certification Program, 04/18

Based on:

EN 50438:2013

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

Default interface protection settings:

Parameter	Max. disconnection time	Min. operate time	Trip value
Over voltage stage 1	3s	-	230V + 10% 10min mean value
Over voltage stage 2	0,2s	0,1s	230V + 15%
Under voltage	1,5s	1,2s	230V - 15%
Over frequency	0,5s	0,3s	52Hz
Under frequency	0,5s	0,3s	47,5Hz

The safety concept of an aforementioned representative product corresponds at the time of issue of this certificate to the specifications for the intended use in accordance with the applied standards.

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