



Applicant: KOSTAL Solar Electric GmbH
Hanferstr. 6
79108 Freiburg i. Br.
Germany

Product: Battery inverter

Model: PLENTICORE BI 5.5/26, PLENTICORE BI 10/26

Intended use:

Automatic disconnection device with three-phase mains surveillance 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 inverter.

Applied standards and guidelines:

SOP-9-1_13 GCC Certification Program, 06/19

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 valid safety specifications for the specified use in accordance with regulations.

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