

Certificate

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

Product: **PV Inverter**

Model: **PIKO 36 EPC**
Rating: **36kW**

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:

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	-	$V_N + 10\%$ 10min mean value
Over voltage stage 2	0,2s	0,1s	$V_N + 15\%$
Under voltage	1,5s	1,2s	$V_N - 15\%$
Over frequency	0,5s	0,3s	52Hz
Under frequency	0,5s	0,3s	47,5Hz

* $V_N=400V$ phase-phase voltage according to § 4.6.1.1

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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Certification Department

