

Certificate

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

Product: **Photovoltaic Inverter**

Model:	PIKO 36 EPC	
Rating:	Input Voltage:	580V – 800Vdc Mpp / 1100Vdc max.
	Input current:	Symetrical: 6x15Adc max.
	Output Voltage:	400Vac, 50Hz, 3ph+PE, cos ϕ 0,80ind to 0,80cap
	Output current:	3x52A nom. / 3x55A max.
	Output power:	36kVA max. / 36kW max.

Intended use:

An automatic disconnection device with three-phase mains surveillance in accordance with the requirements for grid interactive systems with a three-phase parallel coupling via an inverter to the public mains supply. The automatic disconnection device is an integral part of the aforementioned inverter.

The inverter is complying to the requirements for power plant up 2MW.

The inverter is reducing its active power to comply with the reactive power requirement at full active power.

Applied standards and guidelines:

SOP-9-1_12 GCC Certification Program, 11/18

Based on:

IRR-DCC-MV 5/24/2015

Intermittent Renewable Resources (Wind and PV) Distribution Connection Code (DCC) At Medium Voltage (MV)

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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Tanja Rottach
Certification Engineer

