

# Certificate

**Applicant:** **Kaco new energy GmbH**  
Carl-Zeiss-Str. 1  
D-74172 Neckarsulm

**Germany**

**Product:** **Photovoltaic Inverter**

<b>Model:</b>	<b>blueplanet</b>								
	<b>2.0TL 1M1</b>	<b>2.6TL 1M1</b>	<b>3.0TL 1M1</b>	<b>3.0TL 1M2</b>	<b>3.5TL 1M2</b>	<b>3.7TL 1M2</b>	<b>4.0TL 1M2</b>	<b>4.6TL 1M2</b>	<b>5.0TL 1M2</b>

## Intended use:

Automatic disconnection device with single-phase mains surveillance in accordance with VDE 0126-1-1 (with grid protection settings for Netherlands on basis EN 50438:2007, Annex A\*) 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.

*\* under voltage 184V  
over voltage 253V  
frequency range  $48\text{Hz} \leq f \leq 51\text{Hz}$   
disconnection time 2,0s*

## Applied standards and guidelines:

### **DIN VDE 0126-1-1 (VDE V 0126-1-1):2013-08**

Automatic disconnection device between a generator and the public low-voltage grid  
**EN 50438:2007**

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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**Andreas Aufmuth**  
Certification Body

