



**BUREAU
VERITAS**

Certificate of compliance

Applicant: KACO new energy GmbH
Carl-Zeiss-Str. 1
74172 Neckarsulm
Germany

Product: Photovoltaic (PV) inverter

Model: Powador 39.0 TL3 - M 1
Powador 39.0 TL3 - M- INT
Powador 39.0 TL3 - XL - F - SPD 1+2
Powador 39.0 TL3 - XL INT
Powador 48.0 TL3 - M - INT - Park
Powador 48.0 TL3 - XL - F - SPD 1+2 - Park
Powador 60.0 TL3 - M - INT
Powador 60.0 TL3 - XL - INT
Powador 60.0 TL3 - XL - F - SPD 1+2
Powador 72.0 TL3 - M - INT - Park
Powador 72.0 TL3 - XL - INT - Park
Powador 72.0 TL3 - XL - F - SPD 1+2 - Park

Use in accordance with regulations:

Automatic disconnection device with three-phase mains surveillance in accordance with IEC 61727:2004 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 inverters.

Applied rules and standards:

NRS 097-2-1:2010 ed1.0

Grid interconnection of embedded generation
Part 2: Small-scale embedded generation
Section 1: Utility interface

IEC 61727:2004 ed2.0

Photovoltaic (PV) systems – Characteristics of the utility interface

IEC 62116:2008 ed1.0

Test procedure of islanding prevention measures for utility-interconnected photovoltaic inverters

DIN V VDE V 0126-1-1:2006-02 (Functional safety)

Automatic disconnection device between a generator and parallel to the public low voltage network
At the time of issue of this certificate the safety concept of an aforementioned representative product corresponds to the valid safety specifications for the specified use in accordance with regulations.

Report number: 12TH0351-NRS 097-2-1_ ; 12TH0351-VDE0126-1-1_2
12TH0351-IEC61727_2 12TH0351-IEC62116_2

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Certification body



Holger Schaffer



Deutsche
Akkreditierungsstelle
D-ZE-12024-01-00

Certification body of Bureau Veritas Consumer Products Services Germany GmbH
Accredited according to DIN EN ISO/IEC 17065