



**BUREAU  
VERITAS**

# Certificate of compliance

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

**Product:** Photovoltaic inverter

**Model:** KACO blueplanet 5.0 TL3 M2 WM OD IIG0  
KACO blueplanet 6.5 TL3 M2 WM OD IIG0  
KACO blueplanet 7.5 TL3 M2 WM OD IIG0  
KACO blueplanet 8.6 TL3 M2 WM OD IIG0  
KACO blueplanet 9.0 TL3 M2 WM OD IIG0  
KACO blueplanet 10.0 TL3 M2 WM OD IIG0

## Use in accordance with regulations:

The inverters are tested according to electrical safety, grid protection, specified environmental influences and efficiency. For detailed information, please watch the corresponding test reports.

## Applied rules and standards:

IEC 62109-1:2010	Safety of power converters for use in photovoltaic power systems
IEC 62109-2:2011	Safety of power converters for use in photovoltaic power systems
IEC 60068-2-1:2007	Environmental testing – Part 2-1: Tests – Test A: Cold
IEC 60068-2-2:2007	Environmental testing – Part 2-2: Tests – Test B: Dry heat
IEC 60068-2-14:2009	Environmental testing – Part 2-14: Tests – Test N: Change of temperature
IEC 60068-2-30:2005	Environmental testing – Part 2-30: Tests – Test Db: Damp heat, cyclic (12h + 12 h cycle)
EN 60529	Degree of protection provided by enclosure (IP Code: 65) Protection against IP6X according to EN 60529, sub-cl. 13.4 and 13.6 Protection against IPX5 according to EN 60529, sub-cl. 14.2.5

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:** 14TH0348-IEC60068\_0  
14TH0348-IEC62109-1\_0  
14TH0348-IEC62109-2\_0  
14TH0486-EN60529\_2

**Certificate number:** U16-0495

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## Certification body



Dieter Zitzmann

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