



**BUREAU  
VERITAS**

# Certificate of compliance

with the requirements of the standard Dubai Electricity & Water Authority

**CERTIFICATION ORGANIZATION:** Bureau Veritas Consumer Products Services Germany GmbH  
 Accreditation to DAkkS, D-ZE-12024-01-00, ref. to DIN EN ISO/IEC 17065  
 Valid Certification accreditation Data: 15-October-2020

**STANDARD / GUIDE:** **Dubai Electricity & Water Authority**  
 Standards for distributed renewable resources generators connected to the distribution network  
 Version 2.0 March 2016  
 Appendix D.3 Inverters for Low voltage connected RRGUs  
 Appendix D.4 Inverters for Medium voltage connected RRGUs  
**IEC 62116:2014**  
 Test procedure of islanding prevention measures for utility-interconnected photovoltaic inverters  
**IEC 62109-1:2010**  
 Safety of power converters for use in photovoltaic power systems - Part 1: General requirements  
**IEC 62109-2:2011**  
 Safety of power converters for use in photovoltaic power systems - Part 2: Particular requirements for inverters

**TYPE OF SYSTEM DECLARED:**

INTERFACE DEVICE	PROTECTION INTERFACE	STATIC ELECTRONIC INVERTER	ROTATING GENERATION MACHINE
		X	

**MANUFACTURER:** KACO new energy GmbH  
 Carl-Zeiss-Straße 1  
 74172 Neckarsulm  
 Germany

<b>PRODUCT TYPE:</b>	Photovoltaic Inverter
<b>MODEL:</b>	KACO blueplanet 50.0 TL3 M1 WM OD IIGM KACO blueplanet 50.0 TL3 M1 WM OD IIGB KACO blueplanet 50.0 TL3 M1 WM OD IIGX KACO blueplanet 50.0 TL3 M1 WM OD FRGX KACO blueplanet 50.0 TL3 M1 WM OD IIGS
<b>NOMINAL POWER:</b>	50,0 kW

**FIRMWARE VERSION:** PKT: V4.09; ARM: V5.08; CFG: V6.0572; DSP-AC: V4.09, DSP-DC: V4.02

**PHASE NUMBER:** Three-phase

**NOTE:**  
 The device is able to limit the Idc to 0.5% of the nominal current.  
 The device is for plants of each power.

**LABORATORY THAT HAS DONE THE TESTING:**  
 Bureau Veritas Consumer Products Services Germany GmbH  
 Accreditation to DAkkS, D-PL-12024-03-03, ref. to DIN EN ISO/IEC 17025  
 Valid Laboratory Accreditation Data: 11-JUNE-2019

After reviewing the ISO 9001 Manufacturer's No. 168975-2014-AQ-GER-DAkkS, issued by DNV GL – Business Assurance and after reviewing the Test-reports with No. 15TH0250-DEWA2016\_0, 15TH0250-IEC62109-1\_12 and 15TH0250-IEC62109-2\_8 issued by the laboratory Bureau Veritas Consumer Products Services Germany GmbH, the listed product(s) is/are conform with the requirements according to Dubai Electricity & Water Authority “Standards for distributed renewable resources generators connected to the distribution network” Version 2.0 March 2016, Appendix D.3 Inverters for Low voltage connected RRGUs, Appendix D.4 Inverters for Medium voltage connected RRGUs, IEC62116:2014, IEC 62109-1:2010 and IEC 62109-2:2011.

**Certificate number:** U18-0218

**Data of issue:** 2018-04-17

**Certification body**



Holger Schäffer

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