



Test Certificate No.: **9612332069**

In accordance with Clause 12 of the Standards Law – 1953

Details of order:

Name of customer	: Bureau Veritas Consumer Product Services Germany GmbH
Address	: Businesspark A96, 86842 Türkheim, Germany
Date of order	: 30/11/2016

Description of sample:

Solar Inverter Models	: 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
Manufacturer	: Kaco new energy GmbH
Country of origin	: Germany
(see additional product information on pages 2-26)	

Sampling details:

No sample required.

Nature of test:


<p>Review of test reports Ref. No.: 14TH0348-IEC62109-1_1, dated 09/09/2016, 14TH0348-IEC62109-2_1, dated 09/09/2016, and 14TH0348-AS/NZS4777_1, dated 03/11/2016, issued by Bureau Veritas Consumer Products Services, Germany GmbH for the above-specified solar inverter models according to the following standards:</p> <p>IEC 62109-1: 2010 – Safety of power converters for use in photovoltaic power system – Part 1: General requirements IEC 62109-2: 2011 – Safety of power converters for use in photovoltaic power system – Part 2: Particular requirements for inverters</p> <p>AS 4777.2: 2005 - Grid connection of energy systems via inverters: Inverter requirements; AS 4777.3: 2005 - Grid connection of energy systems via inverters: Grid protection requirements, with Deviations for Israel according to SI 4777 parts 2, 3: 2008 according to the Guidelines for Importers, Installers and Owners of Electricity Generating Systems Using Photo-Voltaic Technology, regarding Adjustment of Photo-Voltaic Inverters: 2013</p>
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This document contains 26 pages and may be used only in full.	The test results in this report refer only to the item tested.	This document alone is not sufficient for the release of goods from customs.
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Test Conclusions:

Based on the information provided in the above mentioned test reports, the above-specified solar inverter models comply with the Israeli requirements for grid-tied photovoltaic inverters.
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 Electrical Safety Branch
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 The Standards Institution of Israel
 Date: 11/12/2016


Vladimir Chernikh 
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 Date: 11/12/2016

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ADDITIONAL PRODUCT INFORMATION

Electrical Ratings

Test item description.....: Grid-tied photovoltaic inverter				
Trademark				
Model / Type		blueplanet 5.0 TL3 M2 WM OD IIG0; blueplanet 6.5 TL3 M2 WM OD IIG0 blueplanet 7.5 TL3 M2 WM OD IIG0; blueplanet 8.6 TL3 M2 WM OD IIG0 blueplanet 9.0 TL3 M2 WM OD IIG0, blueplanet 10.0 TL3 M2 WM OD IIG0		
Ratings..... :	5.0 TL3	6.5 TL3	7.5 TL3	9.0 TL3
MPP DC voltage range [V].....:	240 – 800	310 – 800	350 – 800	420 – 800
Input DC voltage range [V].....:	200 – 1000			
Input DC current [A]	2 x 11,0			
Output AC voltage [V]	180 – 277 3/N/PE @ 45 - 65 Hz			
Output AC current [A]	3 x 7,62	3 x 9,98	3 x 11,45	3 x 13,76
Output power [VA].....:	5000	6500	7500	9000

Ratings..... :	8.6 TL3	10.0 TL3
MPP DC voltage range [V].....:	403 – 800	470 – 800
Input DC voltage range [V].....:	200 – 1000	
Input DC current [A]	2 x 11,0	
Output AC voltage [V]	180 – 277 3/N/PE @ 45 - 65 Hz	
Output AC current [A]	3 x 13,16	3 x 15,26
Output power [VA].....:	8600	10000