



Test Certificate No.: 9712324650

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	: 22/08/2017

Description of sample:

Solar Inverter Models	: KACO Blueplanet 15.0 TL3 M2 WM OD IIG0 KACO Blueplanet 20.0 TL3 M2 WM OD IIG0
Manufacturer	: Kaco new energy GmbH
Country of origin	: Germany
(see additional product information on pages 2-52)	

Sampling details:

No sample required.

Nature of test:

<p>Review of test reports Ref. No.: 10TH0306-IEC62109-1_10, dated 19/06/2017, 10TH0306-IEC62109-2_9, dated 19/06/2017, and 10TH0306-SI4777_1, dated 31/07/2017, issued by Bureau Veritas Consumer Products Services, Germany GmbH for the above-specified solar inverter models according to the following standards:</p> <p>IEC/EN 62109-1: 2010 – Safety of power converters for use in photovoltaic power system – Part 1: General requirements IEC/EN 62109-2: 2011 – Safety of power converters for use in photovoltaic power system – Part 2: Particular requirements for inverters</p> <p>AS/NZS 4777.2: 2005 - Grid connection of energy systems via inverters: Inverter requirements; AS/NZS 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>

This document contains 52 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.

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
Electrical and Electronics Laboratory
The Standards Institution of Israel
Date: 17/09/2017



Vladimir Chernikh
Senior Safety Compliance Engineer
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Date: 17/09/2017




This document does not permit marking the product with SII Mark



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ADDITIONAL PRODUCT INFORMATION

Electrical Ratings

Test item description.....:	Grid-tied photovoltaic inverter
Trademark	K A C O  new energy.
Model / Type	Blueplanet 15.0 TL3 M2 WM OD IIG0 Blueplanet 20.0 TL3 M2 WM OD IIG0

Ratings..... :	Blueplanet 15.0 TL3 M2 WM OD IIG0	Blueplanet 20.0 TL3 M2 WM OD IIG0
MPP DC voltage range [V].....:	420 - 800	515 – 800
Input DC voltage range [V].....:	200 – 1000	
Input DC current [A]	2 x 20	
Output AC voltage [V]	230 / 400 (3/N/PE)	
Output AC current [A]	3 x 23	3 x 31
Output power [VA].....:	15000	20000

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