

Test Certificate No.: **9612334184**

In accordance with Clause 12 of the Standards Law – 1953

Details of order:

Name of customer	: Bureau Veritas Consumer Product Services GmbH
Address	: Businesspark A96, 86842 Türkheim, Germany
Date of order	: 22/12/2016

Description of sample:

Solar Inverter Models	: Powador 60.0 TL3, Powador 72.0 TL3 See page 2 for details
Manufacturer	: Kaco New Energy GmbH
Country of origin	: Germany

(see additional product information on pages 2-24)

Sampling details:

No sample required.

Nature of test:

Review of test reports Ref. No.: 12TH0351-IEC62109-1_4, dated 10/12/2016, 12TH0351-IEC62109-2_3, dated 10/12/2016, and 12TH0351-SI/NZS4777_0, dated 12/10/2016, issued by Bureau Veritas Consumer Products Services, Germany GmbH for the above-specified solar inverter models according to the following standards:

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

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 4777.2:2008, SI 4777.3: 2008 and the Guidelines for Importers, Installers and Owners of Electricity Generating Systems Using Photo-Voltaic Technology, regarding Adjustment of Photo-Voltaic Inverters: 2013

This document contains 24 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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Date: 03/01/2017


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ADDITIONAL PRODUCT INFORMATION

List of Models

Test item description.....:	Grid-tied photovoltaic inverter
Trademark	K A C O  new energy.
Model / Type	Powador 60.0 TL3 – M – INT Powador 60.0 TL3 – XL – INT Powador 60.0 TL3 – XL – INT – SPD 1+2 Powador 60.0 TL3 – XL – F – 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 – INT – SPD 1+2 Powador 72.0 TL3 – XL – F – INT – Park Powador 72.0 TL3 – XL – F – SPD 1+2 – Park

Electrical Ratings

Ratings..... :	Powador 60.0 TL3	Powador 72.0 TL3 Park
MPP DC voltage range [V].....:	480 - 850	580 - 850
Input DC voltage range [V].....:	200 - 1000	
Input DC current [A]	3 x 36,0	
Output AC voltage [V]	400 V (3 / N / PE) 50/60 Hz	
Output AC current [A]	3 x 72,2	
Output power [VA].....:	49900	60000