



Test Certificate No.: 9512318644
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 | : 17/06/2015 |

Description of sample:

| | |
|--|---|
| Solar Inverter Models | : 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 9.0 TL3 M2 WM OD IIG0 |
| Manufacturer | : Kaco new energy GmbH |
| Country of origin | : Germany |
| (see additional product information on pages 2-27) | |

Sampling details:

| |
|---------------------|
| No sample required. |
|---------------------|


Nature of test:

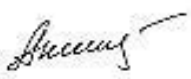
| |
|---|
| Review of test reports Ref. No.: 14TH0348-IEC62109-1_0, dated 15/05/2015, 14TH0348-IEC62109-2_0, dated 11/05/2015, and 14TH0348-AS/NZS4777_0, dated 29/05/2015, 13TH0158-AS/NZS3100_0, dated 18/03/15 issued by Bureau Veritas Consumer Product Services, Germany for the above-specified solar inverter models according to the following standards: 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 AS 4777.2: 2005 - Grid connection of energy systems via inverters: Inverter requirements, with Deviations for Israel according to SI 4777 part 2 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 Guidelines for Importer, Installers and Owners of electricity Generating Systems Using Photo-Voltaic Technology, regarding Adjustment of Photo-Voltaic Inverters: 2013 |
|---|

| | | |
|---|---|--|
| This document contains 27 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. |
|--|

Anatoly Oimatov

Testing Engineer, Electrical Safety Branch
Electronics and Telematics Laboratory
The Standards Institution of Israel

Irina Antonov

Head of Electrical and Medical Safety Branch
Electronics and Telematics Laboratory
The Standards Institution of Israel

Date: 12/07/2015

Date: 12/07/2015


This document does not permit marking the product with SII Mark

Test Certificate No.: 9512318644
In accordance with Clause 12 of the Standards Law – 1953

Page 2 of 27pages

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 9.0 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 |