



Test Certificate No.: 9712332882

In accordance with Clause 12 of the Standards Law – 1953

Details of order:

Name of customer	: SolarEdge Technologies Ltd.
Address	: 1 Hamada Street, Herzliya Pituach 4673335, Israel
Date of order	: 27/12/2017

Description of sample:

Grid-Tied Photovoltaic Inverter	
Models	: SE50K, SE55K, SE66.6K, SE82.8K, SE100K
Manufacturer / Country of origin	: Flextronics International Kft. / Hungary, Celestica SRL / Romania, Jabil Circuit (Guangzhou) Ltd. / China
(see additional product information on pages 2-24)	

Sampling details:

No sample required

Nature of test:

<p>Review of test reports Ref. No.: 17TH0209-IEC62109-1_1 dated 19/12/2017 and 17TH0209-IEC62109-2_0, dated 23/11/2017, issued by Bureau Veritas Consumer Products Services, Germany GmbH for the above-specified solar inverter models according to the following standards:</p> <p>IEC 62109-1:2010 / EN 62109-1:2011 Safety of power converters for use in photovoltaic power systems - Part 1: General requirements</p> <p>IEC 62109-2:2011 / EN 62109-2:2011 Safety of power converters for use in photovoltaic power systems - Part 2: Particular requirements for inverters</p>
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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.
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Test Conclusions:

<p>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.</p> <p>The inverter shall be adjusted according to the Israeli requirements for grid-tied photovoltaic inverters regarding the overvoltage/undervoltage, overfrequency/underfrequency protection.</p>

Anatoly Oimato
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The Standards Institution of Israel

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Electrical and Electronics Laboratory
The Standards Institution of Israel

Date: 31/12/2017

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ADDITIONAL PRODUCT INFORMATIONTest item description.....: **Grid-tied photovoltaic inverter**

Trademark



Model / Type: SE50K with 2 x SE25K
 SE55K with 2 x 27.6K
 SE66.6K with 2 x SE33.3K
 SE82.8K with 3 x SE27.6K
 SE100K with 3 x SE33.3K

Ratings..... :	SE50K	SE55K	SE66.6K
Input DC voltage range [V].....:	680 – 1000	680 – 1000	680 – 1000
Input DC current [A]	72.5	80	80
Output AC voltage [V]	400 / N / PE	400 / N / PE	480 / N / PE
Output AC current [A]	72,5	80	80
Output power [VA].....:	50000	55000	66600

Ratings..... :	SE82.8K	SE100K
Input DC voltage range [V].....:	680 – 1000	680 – 1000
Input DC current [A]	120	120
Output AC voltage [V]	400 / N / PE	480 / N / PE
Output AC current [A]	120	120
Output power [VA].....:	82800	100000