



Test Certificate No.: 7212326149

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	: 08/02/2023

## Description of sample:

Grid-Tied Photovoltaic Inverter with Battery Connection	
Models	: SE5K- RWB48, SE7K- RWB48, SE8K- RWB48, SE10K- RWB48
Manufacturer	: SolarEdge Technologies Ltd.
Country of origin	: Israel
(see additional product information on pages 2-13)	

## Sampling details:

No sample required.

## Nature of test:

Review of test reports Ref. No.: 22TH0188-IEC62109-1\_0 dated 24/11/2022 and 22TH0188-IEC62109-1\_0 dated 29/11/2022, 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

This document contains 13 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.

The models referred in this document employ an integrated residual current device (RCD) as a means of the DC line protection.

When installed in Israel, the inverter shall be adjusted according to the Guidelines Document: Technical Requirements for Photovoltaic Inverters by Israel Electric Corporation, updated 6.2022.

The inverter is suitable for connection to the LV grid.

Anatoly Oimotov  
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Medical Devices, Laser and Electrical Safety Branch  
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The Standards Institution of Israel  
Date: 27/02/2023

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The Standards Institution of Israel  
Date: 27/02/2023

**This document does not permit marking the product with SII Mark**



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**GENERAL PRODUCT INFORMATION****Technical Data****Test Item Description.....:** Grid-Tied Photovoltaic Inverter with Battery Connection**Trademark .....****Model / Type .....** SE5K- RWB48, SE7K- RWB48, SE8K- RWB48, SE10K- RWB48

<b>Ratings .....</b>	<b>SE5K- RWB48</b>	<b>SE7K- RWB48</b>	<b>SE8K- RWB48</b>	<b>SE10K- RWB48</b>
Input DC Voltage Range [V]	750 - 950			
Input DC Current [A]	13,3	16,0	17,3	20,0
Input DC Battery Voltage Range [V]	40 - 62			
Input DC Battery Current [A]	130			
Output AC Voltage [V]	220/230 L-N; 380/400 L-L; 50/60 Hz			
Output AC Current [A]	8,0	11,5	13,0	16,0
Initial Short-Circuit AC Current $I_{k''}$ [A]	9,4	14,9	14,5	18,7
Maximum AC Power Output [VA]	5000	7000	8000	10000
Output Battery Power [VA]	5000			

**This document does not permit marking the product with SII Mark**