



Test Certificate No.: 7412307765
In accordance with Clause 12 of the Standards Law – 1953

Details of Order:

Name of Customer	: SolarEdge Technologies Ltd.
Address	: 1 HaMada Street, Herzeliya Pituach 4673335, Israel

Description of Sample:

Converter (Energy Storage PCS)	
Models	: PCS050
Manufacturer	: SolarEdge Technologies Ltd.
Country of origin	: Israel
(see additional product information on pages 2-16)	

Sampling Details:

No sample required.

Nature of test:

Review of test reports Ref. No.: 64.290.24.30490.01/02/03 dated 07/04/2024, issued by TÜV SÜD Certification and Testing (China) Co., Ltd. Guangzhou Branch for the above-specified inverter models according to the following standards: IEC/EN 62109-1: 2010 – Safety of Power Converters for use in Photovoltaic Power Systems – Part 1: General Requirements IEC/EN 62109-2: 2011 – Safety of Power Converters for use in Photovoltaic Power Systems – Part 2: Particular Requirements for Inverters IEC 62477-1: 2012 +AMD:2016 / EN 62477-1: 2012 + A11:2014 + A1:2017 + A12:2021 Safety Requirements for Power Electronic Converter Systems


This document contains 16 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 inverter models comply with the Israeli requirements for grid-tied photovoltaic inverters. According to the manufacturer declaration, the models referred to 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.
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Anatoly Oimatov 
Product Safety Engineer, Electrical Safety Sector,
Medical Devices, Laser and Electrical Safety Branch,
Electrical and Electronics Laboratory
The Standards Institution of Israel
Date: 06/06/2024

Dr. Irina Antonov, 
Head of Medical Devices, Lasers and
Electrical Safety Branch,
Electrical and Electronics Laboratory
The Standards Institution of Israel
Date: 06/06/2024

This document does not permit marking the product with SII Mark