

# Certificate

**Applicant:** **SolarEdge Technologies LTD**  
1 HaMada Street  
4673335 Herzeliya  
**Israel**

**Product:** **PV Inverter**

<b>Model:</b>	<b>SE2200H</b>	<b>SE3000H</b>	<b>SE3500H</b>	<b>SE3680H</b>	<b>SE4000H</b>	<b>SE5000H</b>	<b>SE6000H</b>
<b>Rating:</b>	<b>2,2kVA</b>	<b>3,0kVA</b>	<b>3,5kVA</b>	<b>3,68kVA</b>	<b>4,0kVA</b>	<b>5,0kVA</b>	<b>6,0kVA</b>

**Intended use:**

Automatic disconnection device with single-phase mains surveillance for photovoltaic systems with a single-phase parallel coupling via an inverter in the public mains supply. The automatic disconnection device is an integral part of the aforementioned inverter.

**Applied standards and guidelines:**

**SOP-9-1\_11 GCC Certification Program, 04/18**

Based on:

**EN 50438:2013**

Requirements for the connection of micro-generators in parallel with public low-voltage distribution networks.

Interface protection settings for Ireland:

Parameter	Max. clearance time	Trip setting
Over voltage	0,5s	230V + 10%
Under voltage	0,5s	230V – 10%
Over frequency	0,5s	50,0Hz + 1%
Under frequency	0,5s	50,0Hz – 4%

The safety concept of an aforementioned representative product corresponds at the time of issue of this certificate to the valid safety specifications for the specified use in accordance with regulations.

**Report No:** 16PP115-11

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**Tanja Rottach**  
Certification Engineer

