



**BUREAU  
VERITAS**

# Certificate of compliance

**Applicant:** SolarEdge Technologies Ltd.  
1 HaMada St.  
Herzliya, 4673335  
Israel

**Product:** Grid-tied photovoltaic inverter

**Model:** SE4K SE10K  
SE5K SE12.5K  
SE6K SE15K  
SE7K SE16K  
SE8K SE17K  
SE9K

## Use in accordance with regulations:

Automatic disconnection device with three-phase mains surveillance in accordance with IEC 61727:2004 and IEC62116:2008 for photovoltaic systems with a three-phase parallel coupling via an inverter in the public mains supply. The automatic disconnection device is an integral part of the aforementioned inverters.

## Applied rules and standards:

### IEC 61727:2004

Photovoltaic (PV) systems – Characteristics of the utility interface

### IEC 62116:2008/2014

Test procedure of islanding prevention measures for utility-interconnected photovoltaic inverters

*The following values according IEC61727 and IEC62116 were applied:*

*under voltage limit (level 1): 195,5V  
under voltage limit (level 2): 115,0V  
over voltage limit (level 1): 253,0V  
overvoltage limit (level 2): 310,0V  
lower frequency limit: 49,0Hz  
upper frequency limit: 51,0Hz  
loss of main detection limit: 2s*

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

**Report number:** 10TH0222-IEC61727\_1  
10TH0222-IEC62116\_2

**Certificate number:** U16-0653

**Date of issue:** 2016-12-05

**Certification body**



Dieter Zitzmann



Deutsche  
Akkreditierungsstelle  
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Certification body of Bureau Veritas Consumer Products Services Germany GmbH  
Accredited according to DIN EN ISO/IEC 17065