



**BUREAU  
VERITAS**

# Certificate of compliance

**Applicant:** SolarEdge Technologies Ltd.  
1 HaMada Street  
Herzeliya 4673335  
Israel

**Product:** Photovoltaic inverter

**Model:** SE55K (2 x SE27.6K)  
SE66.6K (2 x SE33.3K)  
SE82.8K (3 x SE27.6K)  
SE100K (3 x SE 33.3K)

## Use in accordance with regulations:

The inverters are tested according to electrical safety, specified environmental influences and efficiency. For detailed information, please see the corresponding test reports.

## Applied rules and standards:

IEC 61727:1995	Photovoltaic (PV) systems – Characteristics of the utility interface
IEC 62116:2014	Utility-interconnected photovoltaic inverters – Test procedure of islanding prevention measures
IEC 62109-1:2010	Safety of power converters for use in photovoltaic power systems
IEC 62109-2:2011	Safety of power converters for use in photovoltaic power systems
IEC 60068-2-1:2007	Environmental testing – Part 2-1: Tests – Test A: Cold
IEC 60068-2-2:2007	Environmental testing – Part 2-2: Tests – Test B: Dry heat
IEC 60068-2-14:2009	Environmental testing – Part 2-14: Tests – Test N: Change of temperature
IEC 60068-2-30:2005	Environmental testing – Part 2-30: Tests – Test Db: Damp heat, cyclic (12h + 12 h cycle)
IEC 60068-2-78:2012	Environmental testing – Part 2-78: Tests – Test Cab: Damp heat, steady state
IEC 61683:1999	Photovoltaic systems – Power conditioners – Procedure for measuring efficiency

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:** 14TH0209-IEC61727\_0  
14TH0209-IEC62109-1\_4  
14TH0209-IEC62109-2\_1  
14TH0209-IEC60068-ENV-TR\_0  
14TH0209-IEC61683\_0

**Certificate number:** U18-0259

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**Certification body**



Holger Schaffer

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