



**BUREAU  
VERITAS**

# Certificate of compliance

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

**Product:** Grid-tied photovoltaic inverter with battery connection

**Model:** SE5K-RWB48  
SE7K-RWB48  
SE8K-RWB48  
SE10K-RWB48

Ratings:	SE5K-RWB48	SE7K-RWB48	SE8K-RWB48	SE10K-RWB48
Input DC voltage range PV [V]:	750 – 900	750 – 900	750 – 900	750 – 900
Input DC current PV [A]:	13,3	16,0	17,3	20,0
Input DC voltage range Battery [V]:	40 - 62	40 – 62	40 - 62	40 - 62
Input DC current Battery [A]:	130	130	130	130
Output AC voltage [V]:	220/230 L-N 380/400 L-L 50 / 60 Hz	220/230 L-N 380/400 L-L 50 / 60 Hz	220/230 L-N 380/400 L-L 50 / 60 Hz	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 <sub>k</sub> ' [A]:	9,4	14,9	14,5	18,7
Maximum AC Power Output [VA]:	5000	7000	8000	10000
Output power Battery [VA]:	5000	5000	5000	5000

**The certificate refers to the stated model(s) which passed the tests according to the applicable standard(s):**

IEC 62109-1:2010, EN 62109-1:2010, DIN EN 62109-1:2011

Safety of power converters for use in photovoltaic power systems – Part 1: General requirements

IEC 62109-2:2011, EN 62109-2:2011, DIN EN 62109-2:2012

Safety of power converters for use in photovoltaic power systems - Part 2: Particular requirements for inverters

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 the applied rules and standards.

**Report number:** 22TH0188-IEC62109-1\_0    **Certification Program:** NSOP-0032-DEU-ZE-V01  
22TH0188-IEC62109-2\_0

**Certificate number:** U22-0761    **Date of issue:** 2022-12-15

**Certification body**



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

Testing laboratory accredited according to DIN EN ISO/IEC 17025

A partial representation of the certificate requires the written approval of Bureau Veritas Consumer Products Services Germany GmbH