



**BUREAU
VERITAS**

Certificate

Manufacturer / applicant: SolarEdge Technologies Ltd.
1 HaMada Street
Herzliya 4673335
Israel

Product type: Grid-tied photovoltaic inverter

Model: SE3K; SE4K; SE5K; SE6K; SE7K; SE8K; SE9K;
SE10K; SE12.5K; SE15K; SE16K; SE17K
SE5K-AUB; SE7K-AUB; SE8.25K-AUB; SE10K-AUB
SE3K-RWB; SE4K-RWB; SE5K-RWB

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

Report number: 16TH0276-IEC62109-1_7
16TH0276-IEC62109-2_3 **Certification program:** NSOP-0032-DEU-ZE-V01

Certificate number: U21-0089 **Date of issue:** 2021-02-04

Certification body



Thomas Lammel



Deutsche
Akkreditierungsstelle
D-ZE-12024-01-00

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

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

Ratings:	SE3K	SE4K	SE5K	SE6K	SE7K	SE8K
Input DC voltage range [V]:	680 – 950					
Input DC current [A]:	5	7	8,5	10	12	13,5
Output AC voltage [V]:	nom. 400 @ 50 / 60 Hz					
Output AC current [A]:	5	6,5	8	10	11,5	13
Output power [VA]:	3000	4000	5000	6000	7000	8000

Ratings:	SE9K	SE10K	SE12,5K	SE15K	SE16K	SE17K
Input DC voltage range [V]:	680 – 950					
Input DC current [A]:	15	16,5	21	22	23	23
Output AC voltage [V]:	nom. 400 @ 50 / 60 Hz					
Output AC current [A]:	14,5	16	20	23	25,5	26
Output power [VA]:	9000	10000	12500	15000	16000	17000

Ratings:	SE5K-AUB	SE7K-AUB	SE8.25K-AUB	SE10K-AUB
Input DC voltage range [V]:	375-450 DC to GND	375-450 DC to GND	375-450 DC to GND	375-450 DC to GND
Input DC current [A]:	14	19,5	22,5	28
Output AC voltage [V]:	220/230Vac L-N; 380/400Vac L-L; N; PE @ 50/60Hz			
Output AC current [A]:	8	11,5	13,5	16
Output power [VA]:	5000	7000	8250	10000

Ratings:	SE3K-RWB	SE4K-RWB	SE5K-RWB
Input DC voltage range [V]:	375-450 DC to GND	375-450 DC to GND	375-450 DC to GND
Input DC current [A]:	8,5	11,5	14
Output AC voltage [V]:	220/230Vac L-N; 380/400Vac L-L; N; PE @ 50/60Hz		
Output AC current [A]:	5	6,5	8
Output power [VA]:	3000	4000	5000