Certificate

Manufacturer / applicant:	**SolarEdge Technologies Ltd.** **1 HaMada Street** **Herzliya 4673335** **Israel**
Product type:	**Grid-tied photovoltaic inverter**
Model:	SE40K SE33.3K SE30K SE27.6K SE25K SE20.1K SE20K

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:	**19TH0534-IEC62109-1_7** **19TH0534-IEC62109-2_6**	**Certification program:**	**NSOP-0033-DEU-ZE-V01**
Certificate number:	**U21-0613**	**Date of issue:**	**2021-07-02**

Certification body

Thomas Lammel

DAkkS 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 ..... :	SE40K	SE33.3K	SE30K
Input DC voltage range [V]..... :	680 – 1000		
Input DC current [A] ..... :	48,25	40,0	36,25
Output AC voltage [V] ..... :	480 / N / PE @ 50/60 Hz		
Output AC current [A] ..... :	48,25	40,0	36,25
Output power [VA]..... :	40000	33300	30000

Ratings ..... :	SE33.3K	SE30K	SE30K
Input DC voltage range [V]..... :	680 – 1000		
Input DC current [A] ..... :	48,25	48,25	48,25
Output AC voltage [V] ..... :	380 / 400 / N / PE @ 50/60 Hz		
Output AC current [A] ..... :	48,25	48,25	48,25
Output power [VA]..... :	33300	33300	33300

Ratings ..... :	SE27.6K	SE25K	SE20.1K	SE20K
Input DC voltage range [V]..... :	680 – 1000			
Input DC current [A] ..... :	40	37	30,45	29
Output AC voltage [V] ..... :	380 / 400 / N / PE @ 50/60 Hz			
Output AC current [A] ..... :	40	38	30,45	29
Output power [VA]..... :	27600	25000	20100	20001
Information: At no point the DC+ (or DC-) to GND voltage exceeds 50% of the DC input rating range. The DC input range describes the potential between the DC poles (DC+ to DC-), however the maximum potential between the DC poles (DC+ and DC-) to GND is less than 50% of the specified range during normal and ground fault conditions.				