

Certificate of compliance

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

Product: DC/DC Converter

Models: OP followed by 001 up to 500; followed by -LV or -MV
OP followed by 001 up to 700; followed by -LV, -MV or -96V
P followed by 001 up to 1100; optional followed by H, S, P, T or I
P followed by 001 up to 320; followed by -6
SP followed by 001 up to 952
S followed by 001 up to 1501 optional followed by A, B or C
H followed by 001 up to 1650
R followed by 001 up to 1100; optional followed by H, S, P, T or I
U followed by 001 up to 650; optional followed by B

The power optimizer (OP/P/SP/S/H/R/U) perform the same function. The difference relates to a change in size and maximum power ratings. The numbers state the output power of each optimizer.

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

Applied rules and standards:

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

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: 12TH0377-IEC62109-1_49

Certificate number: U25-0644

Certification Program:

NSOP-0038-DEU-ZE-V02

Date of issue:

2025-07-08

Certification body

Accreditation



Domenik Koll
Head of Energy Systems Germany



Accredited certification body by Deutsche Akkreditierungsstelle GmbH (DAKKS) according to ISO/IEC 17065. The accreditation is valid only for the scope listed in the annex of the accreditation certificate D-ZE-12024-01-00. The Deutsche Akkreditierungsstelle GmbH (DAKKS) is signatory of the multilateral arrangements of EA, ILAC and IAF for mutual recognition.

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