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Certificate of compliance

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

Product: Grid-tied photovoltaic inverter

Model: SE300K, SE330K

Applied rules and standards:

IEC 61683:1999, EN 61683:2000, DIN EN 61683:2000

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: 21TH0057-IEC61683_0

Certificate number: U25-0960

Certification Program: NSOP-0032-DEU-ZE-ES-V10

Date of issue: 2025-10-21

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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Annex certificate of conformity No. U25-0960

Extract from test report 21TH0057-IEC61683_0 issued by a testing laboratory accredited by "Deutsche Akkreditierungsstelle GmbH (DAkkS)" according to ISO/IEC 17025. The accreditation is only valid for the scope listed in the annex of the accreditation certificate "D-PL-12024-03-04".

Type Approval and declaration of compliance with the requirements of IEC 61683.

Manufacturer	SolarEdge Technologies Ltd. 1 HaMada Street Herzliya 4673335 Israel			
Product type	Photovoltaic and battery inverter (Hybrid-Inverter)			
Static converter model	SE300K	SE330K	--	--
Input DC (photovoltaic)				
DC voltage range [V]	1200 – 1500	1200 – 1500	--	--
Max. input voltage [V]	1500	1500	--	--
Max. input current per MPPT [A]	267	267	--	--
Output AC				
Rated AC voltage [V]	690 nom. 587 – 759 50 / 60 Hz	690 nom. 587 – 759 50 / 60 Hz	--	--
Rated output current [A]	276	276	--	--
Max. output current [A]	276	276	--	--
Nom. converter output (P_{NINV}) [kW]	300	330	--	--
Rated apparent power [kVA]	300	330	--	--



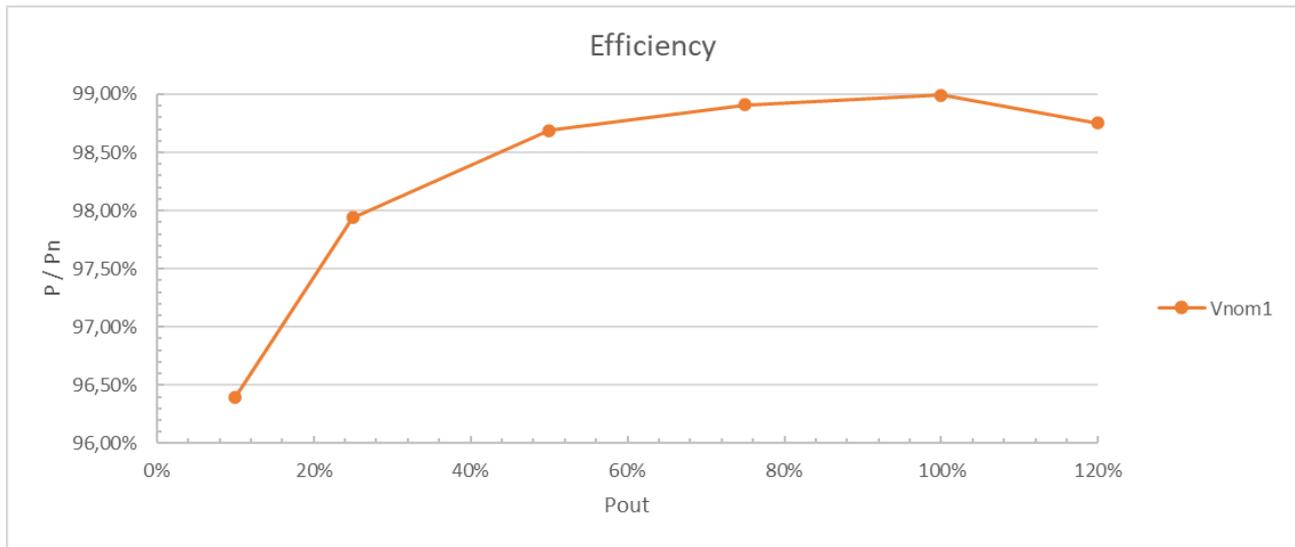
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Efficiency measurement conditions test results

SE300K						
Input voltage [Vdc]		Power in [kW] (nom. 300kW)				
		10%	25%	50%	75%	100%
		30	75	150	225	300
		η in [%]				
V _{nominal}	1250	96,40	97,94	98,69	98,91	98,99



Note: