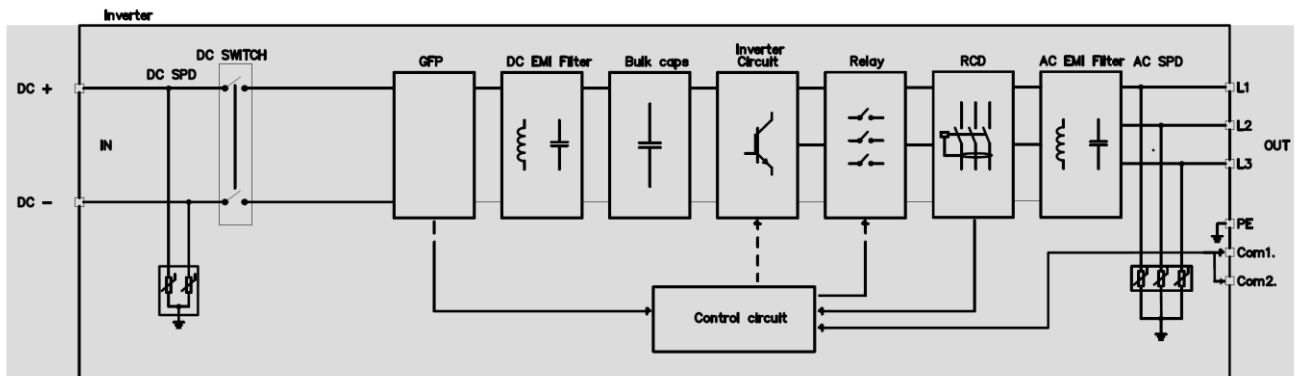


Product Certificate Number	230715-1-CER
Applicant	SolarEdge Technologies Ltd. 1 Ha'Mada St., 4673335 Herzeliya, Israel
Model	SE330K
Type of generating unit	Photovoltaic inverter
Technical Data	See pages 2.
Software version	v.2.3
Hardware version	v1.0
Standard	IEC 61683: 1999 Photovoltaic systems – Power conditioners – Procedure for measuring efficiency.
<p>Having assessed the report number 230715-1-TR performed by CERE (Accredited Laboratory N° 5314.01) based on the requirements of the EN ISO/IEC 17025: 2017.</p> <p>The above-mentioned generating unit complies with the requirements of the:</p> <p>IEC 61683: 1999 Photovoltaic systems – Power conditioners – Procedure for measuring efficiency.</p> <p>This certification is according to the CERE internal process PET-CERE-09 Rev 38, that defines the certification scheme, based on the requirements of the EN ISO/IEC 17065:2012. For this certification process the conformity assessment activities were based on:</p> <ul style="list-style-type: none"> • Testing of production samples selected by CERE. • Audit of quality system according to ISO 9001 with certificate number: I28469 issued by a certification body accredited according EN ISO/IEC 17021. 	
<p>Madrid, June 04, 2024. This certificate is valid until June 03, 2029.</p> <p style="text-align: right;">Miguel Martínez Lavin Certification Director</p>	

Technical data

SE330K	
DC INPUT	
Max. Voltage (V)	1500
Nominal Voltage (V)	1250
Max. Input Current (A)	266,7
AC OUTPUT	
Output line connections	3W + PE
Rated Power @45°C (kW)	330
Max. Apparent Power @45°C (kVA)	330
Nominal Voltage – line to line (V)	690
Voltage range – line to line (V)	587 – 759
Frequency (Hz)	50
Max. Continuous Output Current @Vn – per phase (A)	276

Electrical Diagram of SE330K:



The sample selected to test was representative of the production. The sample was selected in:

SolarEdge Technologies Ltd.
2 Hamerkava St. Industrial Zone,
Tziporit, Israel

Sample Report Number:

230715-TM

RECORD OF CHANGES

Revision	Reason of the modification	Modification	Date
0	Initial version	--	04/06/2024

ANNEX

Efficiency results

Manufacturer's minimum rated input voltage – 1200V				
Total load (%VA)	Input power (Pi) (kW)	Output power (Po) (kW)	Output efficiency (%)	Energy efficiency (%)
10	33,24	32,77	98,59	98,28
25	82,60	81,93	99,19	98,88
50	165,17	164,03	99,31	99,00
75	248,07	246,03	99,18	98,87
100	331,37	327,94	98,96	98,65

Inverter's nominal voltage (*)				
Total load (%VA)	Input power (Pi) (kW)	Output power (Po) (kW)	Output efficiency (%)	Energy efficiency (%)
10	33,39	32,76	98,12	97,77
25	82,75	81,93	99,01	98,70
50	165,42	164,02	99,15	98,84
75	248,24	246,01	99,10	98,79
100	330,44	326,83	98,91	98,60

(*) note: The above test results are for the inverter at an input voltage of 1260V, while its nominal is 1250V. Since said difference of 0,8% and the test report's voltage measurement uncertainty of 0,7% are within the IEC standards the maximum uncertainty for direct current voltage of 3%, the above results are admissible as the inverter's nominal voltage.

90% of the inverter's maximum input voltage – 1350V				
Total load (%VA)	Input power (Pi) (kW)	Output power (Po) (kW)	Output efficiency (%)	Energy efficiency (%)
10	33,46	32,70	97,73	97,42
25	82,84	81,88	98,84	98,53
50	165,61	163,95	99,00	98,69
75	248,50	245,93	98,96	98,65
100	331,08	326,85	98,72	98,41