



**BUREAU
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Certificate of Conformity self-generation unit

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

Type of power generation unit: Grid-tied photovoltaic inverter

Name of PGU:	SE1000M	SE1500M	SE2000M	SE2500M
Active power (nominal power at reference conditions) [kW]:	1,0	1,5	2,0	2,5
Rated voltage:	230 V; N; PE			

Firmware version: Main DSP: Version 1.00
Aux DSP: Version 2.01

Connection rule: VDE-AR-N 4105:2011-08 – Power generation systems connected to the low-voltage distribution network
Technical minimum requirements for the connection to and parallel operation with low-voltage distribution networks.

Applicable standards / directives: DIN VDE V 0124-100 (VDE V 0124-100): 2012-07 – Grid integration of power generation systems – low voltage
Test requirements for power generation units to be connected and operated parallel with the low-voltage distribution networks

The above mentioned generation units have been tested and certified according to the test guideline VDE 0124-100. The electrical properties required in the connection rule are satisfied.

- Verification of permissible system perturbations
- Verification of the symmetry characteristics of three-phase inverter modules
- Verification of the characteristics of the power generation unit on the network
- Verification of the possibility to take part in the generation management / network security management

The certificate contains the following information:

- Technical specifications of the power generation units, the deployed auxiliary equipment and the software version used.
- Schematic structure of power generation unit
- Summarized information about the characteristics of the power generation unit (mode of operation)

BV project number: 17TH0251-VDE-0124-100_0

Certificate number: U18-0077

Date of issue: 2018-03-05



Holger Schaffer

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



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