



**BUREAU
VERITAS**

Certificate of conformity NS protection

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

Type of grid and plant protection:	Integrated NS protection			
Assigned to generation unit type:	SE1000M	SE1500M	SE2000M	SE2500M

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 grid and plant protection has been tested and certified according to the test guideline VDE 0124-100. The electrical properties required in the connection rule are satisfied.

- Setting values and disconnect times
- Properly functioning functional chain "NS protection – interface switch"
- Technical requirements of the switching device
- Active detection of stand-alone power systems
- Single-fault tolerance

The certificate contains the following information:

- Technical specifications of the NS protection and corresponding power generation types
- Setting values of the protection functions
- Trip values of the protection functions

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

Certificate number: U18-0078

Date of issue: 2018-03-05



Certification body

Holger Schaffer

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Certification body of Bureau Veritas Consumer Products Services Germany GmbH
Accredited according to DIN EN ISO/IEC 17065

