


This authorizes the application of the Certification Mark(s) shown below to the models described in the Product(s) Covered section when made in accordance with the conditions set forth in the Certification Agreement and Listing Report. This authorization also applies to multiple listee model(s) identified on the correlation page of the Listing Report.

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Applicant: SolarEdge Technologies Ltd	Manufacturer: Jabil Circuit (Guangzhou) LTD
Address: 1 HaMada Street Herzeliya 4673335	Address: DEV EAST DISTRICT 128 JUN CHENG RD GUANGZHOU, GUANGDONG 510530
Country: Israel	Country: China
Contact: Mr. Oren Bachar or Mr. Meir Adest	Contact: Elaine Ouyang
Phone: +972 9 957 6620 #293 or +972 9 957 6620 #131	Phone: 020-2805-4025/ 135-7023-5852
FAX: 972 9 957 6591	FAX: N/A
Email: OREB.B@SOLAREEDGE.COM MEIR.A@SOLAREEDGE.COM	Email: Elaine.ouyang@jabil.com

Party Authorized To Apply Mark: Same as Manufacturer
Report Issuing Office: Cortland NY 13045

Control Number: 4004590

Authorized by: 
Ulla-Pia Johansson-Nilsson
for Dean Davidson, Certification Manager



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Intertek Testing Services NA Inc.
545 East Algonquin Road, Arlington Heights, IL 60005
Telephone 800-345-3851 or 847-439-5667 Fax 312-283-1672

Standard(s):	Inverters, Converters, Controllers And Interconnection System Equipment For Use With Distributed Energy Resources [UL 1741:2010 Ed.2(Supplement SA)+R:07Sep2016] Power Conversion Equipment [CSA C22.2#107.1:2016 Ed.4]. UL SUBJECT 1699B Issued: 2013/01/14 Ed: 2 Outline of Investigation for Photovoltaic (PV) DC ARC-Fault Circuit Protection
Product:	Grid support Utility Interactive Inverter - Non Isolated Photovoltaic Inverter with MPPT function and Rapid
Brand Name:	SolarEdge
Models:	SE3000H-US, SE3800H-US, SE5000H-US, SE6000H-US, SE7600H-US, SE10000H-US and SE11400H-US

Handwritten initials

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Applicant:	SolarEdge Technologies Ltd	Manufacturer:	Celestica Romania
Address:	1 HaMada Street Herzeliya 4673335	Address:	88 Soseaua Borsului, Bors, Bihor county, 417075
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Contact:	Mr. Oren Bachar or Mr. Meir Adest	Contact:	Renata Bodan
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Party Authorized To Apply Mark: Same as Manufacturer
Report Issuing Office: Cortland NY 13045

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MEG

Subject: ETL Evaluation of SolarEdge Products to NEC 2017 Rapid Shutdown Requirements

To, whom it may concern

This letter represents the testing results of the below listed products to the requirements contained in the following standards:

National Electric Code, 2017, Section 690.12 requirement for rapid shutdown.

UL 1741, UL 1741 CRD for rapid shutdown

The evaluation was done on the PV Rapid Shutdown System (PVRSS), and covers installations consisting of optimizers and inverters with part numbers listed below.

The testing done has verified that controlled conductors are limited to:

- Not more than 30 volts and 240 voltamperes within 30 seconds of rapid shutdown initiation outside the array.
- Not more than 80 volts and 240 voltamperes within 30 seconds of rapid shutdown initiation inside the array.

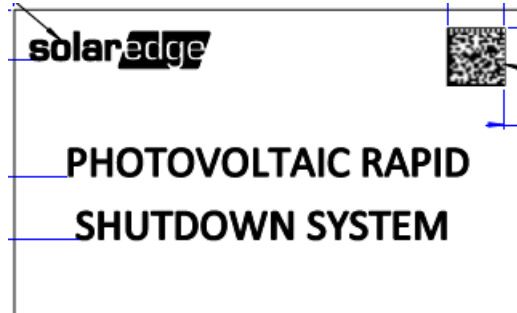
The rapid shutdown initiation is performed by either disconnecting the AC feed to the inverter, or – if the inverter DC Safety switch is readily accessible – by turning off the DC Safety switch.

Applicable products:

- Power optimizers:
 - PB followed by 001 to 350; followed by -AOB or -TFI.
OP followed by 001 to 500; followed by -LV, -MV, -IV or -EV.
P followed by 001 to 850.
SP followed by 001 to 350.
*When optimizers are connected to 2 or more modules in series, the max input voltage may exceed 80V. Following the implementation of the NEC 2017 rapid shutdown value of 80V max inside of the array at the beginning of 2019 , modules exceeding this combined input max voltage will be required to use optimizers with parallel inputs.
- 1-ph Inverters:

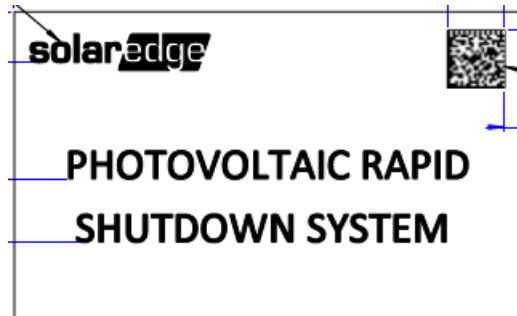
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- SE3000A-US / SE3800A-US / SE5000A-US / SE6000A-US / SE7600A-US / SE10000A-US / SE11400A-US / SE3000H-US / SE3800H-US / SE5000H-US / SE6000H-US / SE7600H-US / SE10000H-US / SE11400H-US when the following label is labeled on the side of the inverter:



Inverter part number may be followed by a suffix

- 3-ph Inverters:
 - SE9KUS / SE10KUS / SE14.4KUS / SE20KUS / SE30KUS / SE33.3KUS / SE43.2KUS / SE66.6KUS / SE100KUS ; when the following label is labeled on the side of the inverter:




Inverter part number may be followed by a suffix

If there are any questions regarding the results contained in this report, or any of the other services offered by Intertek, please do not hesitate to contact the undersigned.

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Please note, this Letter Report does not represent authorization for the use of any Intertek certification marks.

Reviewed by:	Howard Liu
Title:	Engineering Team Leader
Signature	
Date:	6/21/2018

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