

SOLAREEDGE TECHNOLOGIES LIMITED

TEST REPORT

SCOPE OF WORK

UL 1741 PCS CRD EVALUATION [MODELS: SE7600H-US, SE3800H-US, SE3000H-US, SE6000H-US]

REPORT NUMBER

104318331CRT-001

ISSUE DATE

29-Jul-2020

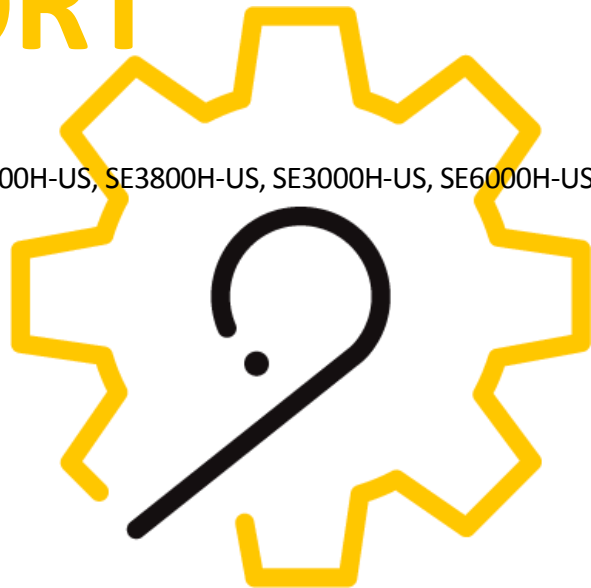
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Issued: 29-Jul-2020

Intertek Report No. 104318331CRT-001

Intertek Project No. G104318331

Oren Bachar
SolarEdge Technologies Ltd
1 HaMada Street
4673335 Herzeliya
Israel
email: oren.bachar@solaredge.com

Subject: UL1741 PCS CRD evaluation of Venus 3 Inverter Models: SE7600H-US, SE3800H-US, SE3000H-US, SE6000H-US]

Dear Mr. Bachar,

This test report represents the results of our evaluation of the above referenced product(s) to the requirements contained in the following standards:

UL 1741 PCS CRD issued: April 20, 2010 (used in conjunction with)

Inverters, Converters, Controllers and Interconnection System Equipment for Use with Distributed Energy Resources [UL 1741:2010 Ed.2+R:15Feb2018]

SECTION 1 SUMMARY

Intertek wishes to inform you that during our evaluation, the following information has been identified. We kindly ask you to check and confirm that all information supplied for your product is correct and accurate and reply back to us promptly if there are any discrepancies. Please contact either your assigned Intertek Project Manager or Intertek Engineer who will assist you, if required.

This evaluation contains testing of Venus 3 Inverter to UL 1741 PCS CRD as outlined in section 2 of this report. Integration of this PCS CRD into end product listing may require additional evaluation including manual and markings.

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SECTION 2 TESTING

The below listed represents a summary of the tests & results, including any which are pending completion or have yet to be conducted.

Completed Tests:

Test Location: SolarEdge Technologies Ltd, 1 HaMada Street 4673335 Herzeliya Israel

| Test Description | Section | Verdict | Comment |
|---|-----------------|---------|--|
| Step Change in Load Test | 203.5 | Pass | Refer Test Tab 203.5 |
| Step Change in Generation | 203.6 | Pass | Refer Test Tab 203.6 |
| Export limiting from all sources (Load test) | 204.1.1 (203.5) | N/A | No external current sensor to limit current at external reference point. |
| Export limiting from all sources (Generation Test) | 204.1.1 (203.6) | N/A | No external current sensor to limit current at external reference point. |
| Import limiting from all sources (Load test) | 204.1.1 (203.5) | N/A | No external current sensor to limit current at external reference point. |
| Import limiting from all sources (Generation Test) | 204.1.1 (203.6) | N/A | No external current sensor to limit current at external reference point. |
| Export limiting from Energy Storage Systems (Load test) | 204.4* (203.5) | N/A | No Export control in current design. |
| Export limiting from Energy Storage Systems (Generation Test) | 204.4* (203.6) | N/A | No Export control in current design. |
| Import limiting from Energy Storage Systems (Load test) | 204.5 (203.5) | Pass | Refer Test Tab 204.5 Load |
| Import limiting from Energy Storage Systems (Generation Test) | 204.5 (203.6) | Pass | Refer Test Tab 204.5 Gen |
| Start-up / Self Check Abnormal Tests | 205.5 | Pass | Refer Test Tab 205.5 |
| Abnormal Maximum Self-Check Interval Test | 205.6 | N/A | Only one self-check time and do not have adjustable Self check time. |
| Operating Abnormal Tests | 205.7 | Pass | Refer Test Tab 205.7 |

Note:

(*) **Export Only Mode** – The ESS (EUT) is not evaluated to export active power to the Area EPS during discharging. It is evaluated only for not to import active power from the Area EPS for ESS charging purposes.

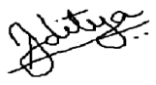

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SECTION 3

PROJECT STATUS & ACTION

Issuance of this letter report completes the evaluation and testing (Stage 1) portion covered by Intertek Project No. G104318331.

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 your dedicated Intertek Project Manager.

| | | | |
|---------------|---|--------------|--|
| Completed by: | Aditya Iyer | Reviewed by: | Steven Pasternack |
| Title: | Project Engineer | Title: | Reviewer |
| Signature: |  | Signature |  |
| Date | July 29, 2020 | Date: | July 30, 2020 |

Please Note: This Letter Report does not represent authorization for the use of any Intertek certification marks.