



Letter of Attestation

Document: 70050251

Master Contract: 203213

Project: 70050251

Date Issued: November 13, 2015

Issued to: **Fronius International GmbH**
Guenter Fronius Strasse 1
Wels-Thalheim, 4600
Austria

CSA Group, Certification and Testing, hereby confirms that it has completed an evaluation for

PV Utility Interactive Inverter, Model Fronius Symo 15.0-3 208

CSA Group, Certification and Testing, hereby attests that the products identified above and Certified and described in CSA report 70050250, dated November 13, 2015, complies with the following standards/tests, to the extent applicable:

The testing of the subject inverters was completed according to the following sections of the test protocol entitled "Performance Test Protocol for Evaluating Inverters Used in Grid-Connected Photovoltaic Systems" prepared by "Sandia National Laboratories, Endecon Engineering, BEW Engineering, and Institute for Sustainable Technology", dated October 14, 2004 as modified by the "CEC Guideline for the use of the Performance Test Protocol for Evaluating Inverters Used in Grid-Connected Photovoltaic Systems - (draft for immediate use)" prepared by KEMA-Xenergy, and BEW Engineering, dated March 1, 2005 with deviations according to the requirements of the California Energy Commission New Solar Homes Partnership Guidebook 2nd edition (CEC-300-2007-008-CMF), Appendix 3, Section B – "Inverters":

- *Maximum Continuous Power*
- *Conversion Efficiency*
- *Tare Losses*



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Notes:

1. The above model has been evaluated and certified to standard UL1741 2nd Edition in CSA Report 70050250.
2. CEC testing performed November 9, 2015 to November 12, 2015.
3. CEC testing performed at 3 phase 120/208 V ac, maximum 800Vdc (80% Voc), nominal 445Vdc, and minimum 325Vdc input voltage.
4. For summary of test results and test set up refer to CEC Test Report 70050251 and Appendix A.

Issued by:

A handwritten signature in black ink, appearing to read 'Rob Hempstock', written over a horizontal line.

Rob Hempstock AScT
Alternative Energy & Sustainability
CSA Group
Vancouver BC Canada

THIS LETTER OF ATTESTATION DOES NOT AUTHORIZE THE USE OF THE CSA MARK ON THE SUBJECT PRODUCTS. QUOTATIONS FROM THE TEST REPORT OR THE USE OF THE NAME OF THE CANADIAN STANDARDS ASSOCIATION AND CSA GROUP OR ITS REGISTERED TRADEMARK, IN ANY WAY, IS NOT PERMITTED WITHOUT PRIOR WRITTEN CONSENT OF THE CANADIAN STANDARDS ASSOCIATION OPERATING AS CSA GROUP, CERTIFICATION AND TESTING DIVISION.