



# Certificate of Compliance

**Certificate:** 2779302

**Master Contract:** 203213

**Project:** 70163419

**Date Issued:** 2017-12-21

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

*The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.*



**Issued by:** *Thian (Peter) Lim*  
Thian (Peter) Lim

## **PRODUCTS**

CLASS - 531109 - POWER SUPPLIES-Distributed Generation Power Systems Equipment

CLASS - 531189 - POWER SUPPLIES - Distributed Generation-Power Systems Equipment - Certified to U.S. Standards

Transformerless Special Purpose Grid Support Interactive Inverter, Models Fronius Primo 3.8-1 208-240, Fronius Primo 5.0-1 208-240, Fronius Primo 6.0-1 208-240, Fronius Primo 7.6-1 208-240 and Fronius Primo 8.2-1 208-240, permanently connected.

For details related to rating, reference should be made to the CSA Certification Record, the Descriptive Report or Annex A Ratings.



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**APPLICABLE REQUIREMENTS**

- CSA-C22.2 No.107.1-16 - General Use Power Supplies
- \*UL Std No. 1741-Second Edition - Inverters, Converters, Controllers and Interconnection System Equipment For Use With Distributed Energy Sources (Rev. September 7, 2016)
- UL CRD - Non-Isolated EPS Interactive PV Inverters Rated Less Than 30kVA
- UL 1699B - Outline of Investigation for Photovoltaic (PV) DC Arc-Fault Circuit Protection (Issue Number 2, January 14, 2013)
- CSA TIL M-07 - Interim Certification Requirements for Photovoltaic (PV) DC Arc-Fault Protection (Issue Number 1, March 11, 2013)
- CSA C22.2 No.290 - 15 - Photovoltaic combiners (December 2015)

**\*Note:** Conformity to UL 1741-Second Edition (Rev. September 7, 2016) includes compliance with applicable requirements of UL1741 Supplement SA - GRID SUPPORT UTILITY INTERACTIVE INVERTERS AND CONVERTERS, , California Rule 21(SRDs), Hawaiian Electric Co. Rule 14, Hawaiian Electric Co. SRD-UL-1741-SA-V1.0, IEEE 1547 and IEEE 1547.1



## *Supplement to Certificate of Compliance*

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*The products listed, including the latest revision described below, are eligible to be marked in accordance with the referenced Certificate.*

### **Product Certification History**

| <b>Project</b> | <b>Date</b> | <b>Description</b>  |
|----------------|-------------|---|
| 70163419       | 2017-12-21  | Update report 2779302 to evaluate firmware changes that address software bugs associated with Filter (PS2 – Guard) stage change issue and alternative hardware. |
| 70152937       | 2017-09-22  | Update report 2779302 to include change in Firmware Numbering to facilitate set-up for existing UL1741 SA certified models.                                     |
| 70130870       | 2017-07-07  | Update Primo Series Report 2779302 to include new UL1741 SA.  |
| 70053091       | 2015-12-08  | Update report 2779302 (PRIMO 1P7 Series) to include firmware revision and acceptance of SMTC data.  |
| 70043703       | 2015-10-15  | Update report 2779302 to include firmware changes, tests performed and data accepted under CSA SMTC program.  |
| 70036245       | 2015-07-07  | Update report 2779302 to include firmware revision, alternate components and acceptance of test data under the CSA SMTC program.                                |
| 70027816       | 2015-04-16  | Update report 2779302 to include alternate components and SW revision with acceptance of SMTC test data.  |
| 2779302        | 2014-12-10  | UL1741/IEEE1547/ULCRD IMI/ UL1699B evaluation for PRIMO inverter series.  |