



Certificate of Compliance

Certificate:	80280109	Master Contract:	203213
Project:	80280109	Date Issued:	2026-04-03
Issued to:	Fronius International GmbH Guenter Fronius Strasse 1 Wels-Thalheim, Upper Austria 4600 Austria	Issued by:	<i>Peter Lim</i> Peter Lim

Attention: Josef Feichtinger

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.



PRODUCTS

Class 5311 09 POWER SUPPLIES - Distributed Generation Power Systems Equipment

Class 5311 89 POWER SUPPLIES - Distributed Generation Power Systems Equipment - Certified to U.S. Standards

Essential Backup Load Unit (EBLU)

Model(s)
Essential Backup Load Unit (EBLU)

Electrical Ratings:

Nominal Grid Voltage: 240VAC

Rated Grid Voltage: 208-240VAC

Maximum Continuous Input Current: 50A



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Output Power Factor Rating: 1.0-0.8

Nominal Grid Frequency: 60 Hz

Nominal Output Voltage: 240VAC/120VAC

Maximum Continuous Output Current: 48A AC

Maximum Continuous Output Power: 10kW

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Ambient Operating Temp: -25°C to +50°C (-13°F to +122°F)

Enclosure (Outdoor): Type 4X

Maximum Short-Circuit Current Rating (SCCR): 10KA

Grid Structure: 120/240V Split Phase with Grounded Neutral, 120/208V WYE, 127/220V WYE

Maximum allowed backfeed current: 100mA

Aux Power Supply: AC Input: 120-240VAC; DC Output: 48V 96W

Overvoltage Category: IV

Pollution Degree: 3

APPLICABLE REQUIREMENTS

Standards Used	Description
UL 1741:2021 - Third Edition - Including revisions through April 22, 2025	UL Standard for Safety Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources
CSA C22.2 No. 107.1:16 (Fourth Edition)(R2021)	Power conversion equipment
UL 1741 CRD: September 28, 2021 - Third Edition - Including revisions through April 7, 2023	Standard for Safety Inverters, Converters, Controllers and Interconnection System Equipment for Use with Distributed Energy Resources - Section / Paragraph Reference: New: 200.1 and 200.2 Subject: multi mode inverter requirements.

Conditions Of Acceptability

1. For use with Fronius Inverter and Fronius Backup Loads panel only
2. The inverter and Essential Backup Load Unit (EBLU) shall be connected to single phase grid types. The inverter is allowed to feed-in on 208Vac grids but must not operate in backup mode at 208Vac. The inverter must switch to operating at 240Vac during backup mode due to the sizing of the transformer. The inverter and EBLU cannot be connected to a corner grounded delta grid type, because when the grid is disconnected the reference to ground is lost within the system.
3. Total output current shall not exceed 50A (ac) Max
4. EBLU cannot be the first disconnect in the system. The EBLU must be placed after the Main service panel and not before.
5. All listed insulation barriers and shields must be certified to minimum flame rating of V2 or better as per CSA 0.17(R2018) and/or UL94 unless otherwise stated in the critical component.



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Notes:

Products certified under Class(es) C531109, C531189 have been certified under CSA's ISO/IEC 17065 accreditation with the Standards Council of Canada (SCC). www.scc.ca





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

Project	Date	Description
80280109	2026-04-03	Prime cCSAus certification of Battery Backup Load Unit for use in the Fronius Power Distribution System.