



Certificate of Compliance

Certificate: 70194014

Master Contract: 159409

Project: 80125923

Date Issued: 2022-05-20

Issued To: Schneider Electric Solar Inc.
3700 Gilmore Way
Burnaby., British Columbia, V5G 4M1
Canada

Attention: Ajith Kumar

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: Rohana Yang
Rohana Yang

PRODUCTS

CLASS - C531109 - POWER SUPPLIES Distributed Generation Power Systems Equipment

CLASS - C531189 - POWER SUPPLIES - Distributed Generation Power Systems Equipment - Certified to U.S. Standards

Combined Inverter/Battery Charger, permanently connected:

Special Purpose Grid Support Utility Interactive Inverter/Charger/ Stand-alone, Model XW Pro 6848 NA with Conduit Box supplied, is permanently connected, fixed equipment.

For details rating, please refer to the Appendix A rating table (including Notes).



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APPLICABLE REQUIREMENTS

CSA C22.2 No. 107.1-16 - Power Conversion Equipment

*UL 1741 - Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources (Second Edition, Revision Dated February 15, 2018)

UL1741 CRD - Grid Support Utility Interactive Interoperability Optional Functions: Prevent Enter Service and Limit Active Power (CA Rule 21, Phase 3, functions 2 and 3) (Dated October 22, 2019)

**UL1741 CRD -Power Control Systems(PCS) (Dated March 08, 2019)

*Note: Conformity to UL 1741 (Second Edition, Revision February 15, 2018) includes compliance with applicable requirements of IEEE 1547-2003 (R2008), IEEE 1547a-2014, IEEE 1547.1-2005(R2011), IEEE 1547.1a-2015, California Electric Rule 21, Hawaiian Electric Co. SRD-UL-1741-SA-V1.1, ISO-NE Inverter Source Requirement (Dated February 6, 2018) and UL 1741 Supplement SA 8-18.

**Note: The evaluated operating modes according to UL 1741 PCS CRD is Export Only Mode with following power control system configuration:

Configurat ion	Inverter	PV Charger Controller	Battery	Gateway	Measured maximum open loop response time
Power Control System	Manufacture: Schneider Electric Solar Inc. Model: XW Pro 6848 NA Amounts: 4pcs maximum	Manufacture: Schneider Electric Solar Inc. Model: MPPT 100 600 Amounts: 6pcs maximum	Battery bank with adequate capacity	Manufacture: Schneider Electric Solar Inc. Model: Conext Gateway or InsightFacility or InsightHome Amounts: 1pcs	8 seconds

Notes:

Products certified under Class C531109 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
80125923	2022-05-20	Update to Certification Report 70194014 to evaluate the largest Power Control System Configuration with Export only mode according to UL 1741 CRD. Remote witness testing.
80119021	2022-05-13	Update the Report 70194014 to update the firmware version to V2.02BN08 for 240Volts (Split-phase) configuration. Remote witness testing.
80116248	2022-05-11	Update to Certification Report 70194014 to evaluate the power control system function export only mode according to UL 1741 CRD. Remote witness testing.
80108065	2021-12-23	Update to certification report 70194014 to include firmware update to version V2.0. Remote witness testing.
80085684	2021-10-25	Update to report 70194014 to include alternate manufacturer of magnetic components and correct typos.
80095330	2021-09-22	Update to report 70194014 to include firmware update to version V1.11 BN 49. Remote witness testing.
80090342	2021-07-28	Update to report 70194014 to include firmware update to version V1.11 BN 41. Remote witness testing.
80081934	2021-04-29	Update to report 70194014 to include firmware update to version V1.11 BN 34. Remote witness testing.
80080269	2021-04-16	Update to report 70194014 to include firmware update to version V1.11 BN 31. Remote witness testing.
80071979	2021-02-26	Update to report 70194014 to include firmware update to CA Rule 21 and to meet ISO-NE Inverter Source Requirement (Dated February 6, 2018) for 120Vac and 240Vac grid output .
80049402	2020-09-18	Update to report 70194014 to include firmware update and to meet grid support function according to CA Rule 21 for 120Vac output configuration.



80036281	2020-03-15	Update report 70194014 to include UL1741 CRD SA17/18 UL 1741(California Rule 21 Phase 3 Function 2 and Function 3 in California, Electric Rule 21) for Model XW Pro 6848 NA.
80024781	2019-12-13	Update to report 70194014 to meet grid support function according to HECO requirement including TROV test.
80020062	2019-10-30	Update report 70194014 to include firmware upgrade for Model XW Pro 6848 NA
70220117	2019-03-27	Update Report 70194014 to include minor firmware update for Model XW Pro 6848 NA
70212688	2019-03-04	Update Report 70194014 to Include Volt-Watt and revised Freq-Watt grid tie requirements as per UL1741 Supplement SA for Model XW Pro 6848 NA (FGA 865-6848-21).
70215683	2019-02-12	Update Reports, Attestation Reports and Certificates associated with Project 70194014 to: 1) Change Master File Address from Livermore, California, USA to Schneider Electric Solar Inc., 3700 Gilmore Way, Burnaby, BC, V5G 4M1. Canada. 2) Update Model Name to XW Pro 6848 NA.
70194014	2018-11-30	New report for new model xxxx- 240V configuration only, price includes 15 days on site, 7.5 hours/day, plus 15.0 hours paper work