



Certificate of Compliance

Certificate: 70184218

Master Contract: 272687

Project: 70184218

Date Issued: December 24, 2018

Issued to: SolaX Power Network Technology (Zhe jiang) Co., Ltd.
No 288, Shizhu Rd, Tonglu Economic,
Hangzhou, Zhejiang, 311500,
China

Attention: Jessica Zhu

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US (indicating that products have been manufactured to the requirements of both Canadian and US Standards) or with adjacent indicator 'US' for US only or without either indicator for Canada only



Issued by: *Richard Li*
Richard Li

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

Family series (1): A1-Hybrid-US series, models: A1-Hybrid-6.0-US, A1-Hybrid-7.0-US, A1-Hybrid-7.6-US, A1-Hybrid-8.6-US;

Non-isolated permanently-connected Power Conversion System. Single-phase hybrid multiple mode converter with bidirectional function for AC to DC or DC to AC charge controlling function. Battery or PV or Generator or Grid input, which could be used as utility Interactive or Stand-Alone mode or by-pass mode.

The unit has five types of field wiring terminal: PV input terminal, Grid terminal (input and output), Load output terminal, Battery terminal (input and output), Generator input terminal.

Family series (2): A1-Fit-US series, models: A1-Fit-6.0-US, A1-Fit-7.0-US, A1-Fit-7.6-US, A1-Fit-8.6-US;

Non-isolated permanently-connected Power Conversion System. Single-phase hybrid multiple mode converter with bidirectional function for AC to DC or DC to AC charge



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controlling function. Battery or Generator or Grid input, which could be used as utility Interactive or Stand-Alone mode or by-pass mode.

The unit has four types of field wiring terminal: Grid terminal (input and output), Load output terminal, Battery terminal (input and output), Generator input terminal.

Family series (3): A1-US series, models: A1-6.0-US; A1-7.0-US; A1-7.6-US; A1-8.6-US;
Non-isolated permanently-connected, PV grid-interactive inverter.

Three product family series share one similar physical construction of critical components and firmware. Each product family has four models, these models share similar physical construction and firmware. The main difference is software settings for output power ratings.

Notes:

For details related to ratings, size, configuration, etc., reference should be made to the CSA Certification Record, Certificate of Compliance - Annex A, or the Descriptive Report.

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, January 28, 2010, including revisions through February 15, 2018)
- UL 62109-1 - Safety of power converters for use in photovoltaic power systems – Part 1: General requirements (First Edition, Dated July 18, 2014)
- 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)

***Note:** Conformity to UL 1741 (Second Edition, January 28, 2010, including revisions through February 15, 2018) includes compliance with applicable requirements of IEEE 1547-2003 (R2008), IEEE 1547.1-2005 (R2011), California Public Utility Commission (CPUC) Rule 21 and Supplement SA.



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
70184218	December 24, 2018	<p>Family series (1): A1-Hybrid-US series, models: A1-Hybrid-6.0-US, A1-Hybrid-7.0-US, A1-Hybrid-7.6-US, A1-Hybrid-8.6-US; Non-isolated permanently-connected Power Conversion System. Single-phase hybrid multiple mode converter with bidirectional function for AC to DC or DC to AC charge controlling function. Battery or PV or Generator or Grid input, which could be used as utility Interactive or Stand-Alone mode or by-pass mode. (C/US);</p> <p>Family series (2): A1-Fit-US series, models: A1-Fit-6.0-US, A1-Fit-7.0-US, A1-Fit-7.6-US, A1-Fit-8.6-US; Non-isolated permanently-connected Power Conversion System. Single-phase hybrid multiple mode converter with bidirectional function for AC to DC or DC to AC charge controlling function. Battery or Generator or Grid input, which could be used as utility Interactive or Stand-Alone mode or by-pass mode. (C/US);</p> <p>Family series (3): A1-US series, models: A1-6.0-US; A1-7.0-US; A1-7.6-US; A1-8.6-US; Non-isolated permanently-connected, PV grid-interactive inverter. (C/US);</p>