



Certificate of Compliance

Certificate: 80089797 **Master Contract:** 272687
Project: 80141665 **Date Issued:** March 6, 2023
Issued To: SolaX Power Network Technology (Zhe jiang) Co., Ltd.
No. 288 Shizhu Road, Tonglu Economic Development Zone
Tonglu City, Zhejiang, 310000
China

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: 
Richard Li

PRODUCTS

CLASS - C531109 - POWER SUPPLIES Distributed Generation Power Systems Equipment
CLASS - C531189 - POWER SUPPLIES - Distributed Generation Power Systems Equipment - Certified to U.S. Standards

Product Family (1): A1-HYB-G2 Series				
Grid support utility-interactive Power Conversion System (PCS)				
Model	A1-HYB-3.8K-G2	A1-HYB-5.0K-G2	A1-HYB-6.0K-G2	A1-HYB-7.6K-G2

Product Family (2): A1-AC-G2 Series				
Grid support utility-interactive Power Conversion System (PCS)				
Model	A1-AC-3.8K-G2	A1-AC-5.0K-G2	A1-AC-6.0K-G2	A1-AC-7.6K-G2

Product Family (3): A1-SMT-G2 Series				
Grid support utility-interactive Power Conversion System (PCS)				
Model	A1-SMT-3.8K-G2	A1-SMT-5.0K-G2	A1-SMT-6.0K-G2	A1-SMT-7.6K-G2

Backup Interface (BI)	
Model	A1-BI-200-G2



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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 (Third Edition, September 28, 2021)
UL1741 CRD	-	Non-Isolated EPS Interactive PV Inverters Rated Less Than 30 kVA (Dated April 26, 2010)
UL 1741 CRD	-	Power Control Systems (PCS), (issued on March 8, 2019)
UL 1699B	-	Photovoltaic (PV) DC Arc-Fault Circuit Protection (First Edition, Dated August 22, 2018)
CSA C22.2 No. 292-18	-	Dc arc fault protection for photovoltaic applications
CSA C22.2 No. 330-17	-	Photovoltaic rapid shutdown systems
IEEE Std 1547™-2018	-	IEEE Standard for Interconnection and Interoperability of Distributed Energy Resources with Associated Electric Power Systems Interfaces
IEEE Std 1547.1™-2020	-	IEEE Standard Conformance Test Procedures for Equipment Interconnecting Distributed Energy Resources with Electric Power Systems and Associated Interfaces

*Note:

(1)	Conformity to UL 1741 (Third Edition, September 28, 2021) includes compliance with applicable requirements of UL 1741 Supplement SA8-SA18 and the SRDs of California Public Utility Commission (CPUC) Rule 21.
(2)	Conformity to UL 1741 (Third Edition, September 28, 2021) includes compliance with applicable requirements of UL 1741 Supplement SB and the SRDs of Hawaiian Electric Co. (HECO) SRD-V2.0. The interoperability is verified with IEEE 2030.5-2018 communication protocol.
(3)	The products have been verified with PVRSS function according to NEC-2020 (NFPA 70) Article 690.12 and CEC-2021 (CSA C22.1:21) Sec 64-218.
(4)	The functional safety has been evaluated according to applicable requirement of UL 1998 (Edition 3) and UL 991 (Edition 3) as required by the end product standard.

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

