



Certificate of Compliance

Certificate: 70128088

Master Contract: 255045

Project: 80156130

Date Issued: 2023-04-12

Issued to: SHANGHAI CHINT POWER SYSTEMS CO., LTD
3255 Si Xian Rd
Songjiang District,
Shanghai 201614
CHINA
Attention: Huan Cai

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: Jason Lei
Jason Lei

PRODUCTS

CLASS - C531109 - POWER SUPPLIES-Distributed Generation Power Systems Equipment

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

Transformerless Grid Support Utility Interactive Inverter, Models CPS SCA50KTL-DO/US-480, CPS SCA60KTL-DO/US-480, CPS SCA25KTL-DO/US-208 and CPS SCA36KTL-DO/US-480, permanently connected.

For details related to rating, size, configuration, etc. reference should be made to the CSA Certification Record or the descriptive report.



Certificate: 70128088
Project: 80156130

Master Contract: 255045
Date Issued: 2023-04-12

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
30Kva (Dated April 26, 2010)
- CSA TIL M-07 - Interim Certification Requirements for Photovoltaic (PV) DC Arc-Fault
Protection (Issue Number 1, March 11, 2013)
- **UL 1699B - Photovoltaic (PV) DC Arc-Fault Circuit Protection (First Edition, Dated
August 22, 2018)

*Note1: Conformity to UL 1741 (Third Edition, September 28, 2021) includes compliance with applicable requirements of IEEE 1547-2003 (R2008), IEEE 1547a-2014, IEEE 1547.1-2005(R2011), IEEE 1547.1a-2015, California Rule 21, Hawaiian Electric Co. SRD-UL-1741-SA-V1.1 and Supplement SA 8-18, UL 1741 Supplement SB and IEEE 1547.1-2020 with the SRDs of IEEE 1547-2018, IEEE 1547a-2020 and Hawaiian Electric Co. SRD-V2.0. While the grid support function evaluated according to IEEE 1547.1-2020, the interoperability is verified with SunSpec Modbus communication protocol.

**Note 2: Conformity to UL 1741 CRD and UL 1699B includes the compliance with the applicable requirement of UL 1998 Third Edition and UL 991 Third Edition.

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

Certificate: 70128088

Master Contract: 255045

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
80156130	2023-04-12	Update report 70128088 to change Maximum input string.
80136530	2022-09-28	Update Report 70128088 to new model CPS SCA36KTL-DO/US-480.
80103337	2022-02-28	Update Report 70128088 to add grid support function to meet with UL 1741 Supplement SB and IEEE 1547.1-2020 with the SRDs of IEEE 1547-2018, IEEE 1547a-2020 and Hawaiian Electric Co. SRD-V2.0 according to UL 1741 3rd edition.
80055298	2020-09-10	Update Report 70128088 to add grid support function to meet with Hawaiian Electric Co. SRD-UL-1741-SA-V1.1.
80048389	2020-08-19	Update report 70128088 to add new model CPS SCA25KTL-DO/US-208, change the Maximum continuous output current for CPS SCA50/60KTL-DO/US-480 and meet the requirement for Photovoltaic (PV) DC Arc-Fault Circuit Protection (First Edition, Dated August 22, 2018).
80046608	2020-06-17	Update to report 70128088 to include UL1741CRD SA17 - 18 requirements.
70218379	2019-03-15	Update report 70128088 to include alternate components, modification and the software version update.
70203151	2018-11-29	Update report 70128088 to include alternate components and modification to markings.
70128097	2017-07-06	Update report 70128088 to include grid support function to meet California Rule 21 requirements.
70128088	2017-07-06	Grid Support Utility Interactive Inverter, Model CPS SCA50KTL-DO/US-480 and CPS SCA60KTL-DO/US-480. (C/US)