



Certificate of Compliance

Certificate: 70092417

Master Contract: 235284

Project: 70148629

Date Issued: 2017-09-29

Issued to: Huawei Technologies Co., Ltd.
Huawei Industrial Base
Bantian Town
Longgang District
Shenzhen, 518129
CHINA
Attention: Wen Li

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: *Kyle Song*
Kyle Song

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, Model SUN2000-45KTL-US-HV-D0, permanently connected.

Notes:

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



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APPLICABLE REQUIREMENTS

CSA C22.2 No. 107.1-01 - General Use Power Supplies

*UL 1741 - Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources (Second Edition, Revision September 7, 2016)

CSA TIL M-07 - Interim Certification Requirements for Photovoltaic (PV) DC Arc-Fault Protection (Issue Number 1, March 11, 2013)

UL 1699B - Outline of Investigation for Photovoltaic (PV) DC Arc-Fault Circuit Protection (Issue Number 2, January 14, 2013)

*Note: Conformity to UL 1741 (Second Edition, January 28, 2010) 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 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
70148629	2017-09-29	Update to report 70092417 to add grid support functions to meet California Electric Rule 21 and Hawaiian Electric Co. SRD-UL-1741-SA-V1.1 requirements.
70153755	2017-09-27	Update to report 70092417 to add alternate DC connector and change the output power de-rating characteristics.
70136896	2017-05-27	Update to report 70092417 to include minor construction alterations, correct descriptive errors and update software report.
70092417	2016-12-30	Transformerless Utility Interactive Inverter, Model SUN2000-45KTL-US-HV-D0. (C/US)