



Certificate of Compliance

Certificate: 70154937

Master Contract: 259077

Project: 70173254

Date Issued: 2018-02-10

Issued to: Altenergy Power System Inc.
No.1 Yatai Road,
Jiaxing, Zhejiang 314050,
CHINA
Attention: Guofeng Jiang

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: *Michael Tong*
Michael Tong

PRODUCTS

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

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

Grid Support Utility Interactive Microinverter, Model YC600, Rack mounted.

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.

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)

*Note: Conformity to UL 1741 (Second Edition, Revision September 7, 2016) includes compliance with applicable requirements of IEEE 1547-2003 (R2008), IEEE 1547.1-2005(R2011), California Rule 21 and Supplement SA.



Certificate of Compliance

Certificate: 70154937

Master Contract: 259077

Project: 70154937

Date Issued: 2017-09-07

Issued to: Altenergy Power System Inc.
No.1 Yatai Road
Jiaxing, Zhejiang 314050
CHINA
Attention: Guofeng Jiang

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: Michael Tong
Michael Tong

PRODUCTS

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

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

Utility Interactive Microinverter, Model YC600, Rack mounted.

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.

APPLICABLE REQUIREMENTS

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

*UL Std. No. 1741-Second Edition - Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources (January 28, 2010)

*Note: Conformity to UL 1741-Second Edition (January 28, 2010) includes compliance with applicable requirements of ANSI/IEEE 1547 (R2008) and ANSI/IEEE 1547.1 (R2011).

Technical Compliance Statement

FCC and ISED VERIFICATION

Ref. File No.: ACWE-C1W1708057

For the following equipment

Applicant : Altenergy Power System Inc.
Manufacturer : Altenergy Power System Inc.
FACTORY : Altenergy Power System Inc.
Product : Microinverter
Model Number : YC600
Brand : APsystems

We, **AUDIX Technology (Wujiang) Co., Ltd. EMC Dept.** hereby certify that the above products has been tested by us with the listed standards and found in compliance with the FCC and ISED official limits. The product might be marketed at the US accordance to FCC Rule based on the standard CFR 47 Part 2 and Part 15 Class B equipment regulations. The test was performed according to the procedures mentioned in ANSI C63.4-2014.

The test data & results are issued on the test report No. **ACWE-F1707002**.

**FCC 47 CFR Part 15 Subpart B and
ANSI C63.4-2014
ICES-003 Issue 6: 2016**

Sep.06, 2017



**Ken Lu / Assistant General Manager
AUDIX Technology (Wujiang) Co., Ltd. EMC Dept.**

The statement is based on a single evaluation of one sample of the above-mentioned products. It does not imply an assessment of the whole production and does not permit the use of the test lab logo.



Letter of Attestation

Document: 70164632

Master Contract: 259077

Project: 70164632

Date Issued: November 24, 2017

Issued to: Altenergy Power System Inc.
No.1 Yatai Road,
Jiaxing, Zhejiang 314050,
China
Attention: Guofeng Jiang

CSA Group hereby confirms that it has completed an evaluation of

Utility Interactive Microinverter,

Model YC600

CSA Group hereby attests that the product identified above and described in CSA Report 70154937 dated September 7, 2017, complies with the following standards/tests, to the extent applicable:

The testing of the subject inverters were completed according to the following sections of the test protocol entitled "Performance Test Protocol for Evaluating Inverters Used in Grid-Connected Photovoltaic Systems" prepared by "Sandia National Laboratories, Endecon Engineering, BEW Engineering, and Institute for Sustainable Technology", dated October 14, 2004 as modified by the "CEC Guideline for the use of the Performance Test Protocol for Evaluating Inverters Used in Grid-Connected Photovoltaic Systems - (draft for immediate use)" prepared by KEMA-Xenergy, and BEW Engineering, dated March 1, 2005 with deviations according to the requirements of the California Energy Commission New Solar Homes Partnership Guidebook 2nd edition (CEC-300-2007-008-CMF), Appendix 3, Section B – "Inverters":

- ***Maximum Continuous Power***
- ***Conversion Efficiency***
- ***Tare Losses***

Notes:

1. For summary of test results and test set up refer to Appendix A and Test Report.

Issued by:

Michael Tong

Issued by Michael Tong, Certifier

THIS LETTER OF ATTESTATION DOES NOT AUTHORIZE THE USE OF THE CSA MARK ON THE SUBJECT PRODUCTS.