## **Certificate of Compliance**

Certificate Number 20120626E347206

Report Reference E347206, Issued 2012-05-31

Issue Date 2012 May 31



Issued to: SOUTHWEST WINDPOWER INC

1801 W. Rte. 66 Flagstaff, AZ 86001

**USA** 

This is to certify that representative samples of

Skystream 3.7

Small Wind Turbine Generating System with integral Utility Interactive inverter

Have been investigated by UL LLC in accordance with the Standard(s)

indicated on this Certificate.

Standard(s) for Safety: UL 6142, dated March 2, 2012

UL 1741, 2nd Ed., Issued: January 28, 2010

IEEE 1547-2003 IEEE 1547.1-2005

CAN/CSA-C22.2 No.107.1-01, 3rd Ed., dated: September 2001

Additional Information: See UL On-line Certification Directory at <u>WWW.UL.COM</u> for additional information.

Look for the UL Classification Mark on the product

## William R. Carney

## **Director, North American Certification Programs**

UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL.

For questions, please contact a local UL Customer Service Representative at http://www.ul.com/global/eng/pages/corporate/contactus/

Only those products bearing the UL Classification Mark should be considered as being covered by UL's Classification and Follow-Up Service.

The UL Classification Mark includes: UL in a circle symbol: with the word "CLASSIFIED" (as shown); a control number (may be alphanumeric) assigned by UL; a statement to indicate the extent of UL's evaluation of the product; and, the product category name (product identity) as indicated in the appropriate UL Directory.

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This is to verify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

Addendum - Skystream 3.7 Small Wind Turbine Generating System:

Enclosure Rating: Type 3R

Maximum Operating Ambient: 50°C

Maximum Overcurrent Protection - Output: 20 Amps

Output Ratings: See Inverter ratings below.

Addendum - Skystream Inverter:

Inverter Output configuration: 120/240V, L-N-L,

Operating voltage range Vac: 212-264; or Output Configuration: 120/208V, L-N-L, Operating voltage range Vac: 183-229; Normal output frequency Hz: 60.0; Operating frequency range Hz: 59.3-60.5;

Rated output current Aac: 10.0;

Rated continuous output power kW@25 °C: 2.3; Rated continuous output power kW@50°C: 1.5;

Max. peak output kW: 2.4;

Surge Category B

Alternate Firmware Combinations approved since Jan. 28, 2008:

Inverter Slave Application Code: Inverter Master Application Code:

Revision: Rev 1.11.10 Revision: Rev 1.03 Revision: Rev 2.00.0 Revision: Rev 1.03 Revision: Rev 2.02.0 Revision: Rev 1.03

Representative samples of the Skystream Inverter as specified on this certificate were evaluated and tested according to all current UL 1741 requirements. Unit has been tested and meets all requirements for Utility Interactive operation in accordance with:

- UL 1741, Standard for Safety for Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources, 2nd Ed., Issued: January 28, 2010
- IEEE 1547-2003 Standard for Interconnecting Distributed Resources with Electric Power Systems;
- -IEEE 1547.1-2005 Standard Conformance Test Procedures for Equipment Interconnecting Distributed Resources with Electric Power Systems, dated: June 2003
- CAN/CSA-C22.2 No.107.1-01, 3rd Ed., General Use Power Supplies, dated: September 2001

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