

# Certificate of Compliance

Certificate Number **20090219E300731**  
Report Reference **E300731, Issued: 2006-10-17**  
Issue Date **2009 February 19**

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*Issued to:* **Southwest Windpower Inc**

1801 W Rte 66  
Flagstaff, AZ 86001  
United States

*This is to certify that  
representative samples of*



**Skystream Inverter**  
Component inverter for use with Skystream wind turbine, Utility Interactive Ready

*Have been investigated by Underwriters Laboratories in accordance with  
the Standard(s) indicated on this Certificate.*

*Standard(s) for Safety:* **UL 1741, Standard for Safety for Inverters, Converters, Controllers and  
Interconnection System Equipment for Use With Distributed Energy Resources, 1st  
Ed.; IEEE 1547-2003; CAN/CSA-C22.2 No.107.1-01, 3rd Ed.**

*Additional Information:* **See Addendum**

Only those products bearing the UL Recognized Component Marks for the U.S. and Canada should be considered as being covered by UL's Recognition and Follow-Up Service and meeting the appropriate U.S. and Canadian requirements.

The UL Recognized Component Mark for the U.S. generally consists of the manufacturer's identification and catalog number, model number or other product designation as specified under "Marking" for the particular Recognition as published in the appropriate UL Directory. As a supplementary means of identifying products that have been produced under UL's Component Recognition Program, UL's Recognized Component Mark:  may be used in conjunction with the required Recognized Marks. The Recognized Component Mark is required when specified in the UL Directory preceding the recognitions or under "Markings" for the individual recognitions. The UL Recognized Component Mark for Canada consists of the UL Recognized Mark for Canada:  and the manufacturer's identification and catalog number, model number or other product designation as specified under "Marking" for the particular Recognition as published in the appropriate UL Directory.

**Look for the UL Recognized Component Mark on the product**

Issued by: **Chris Storbeck**

Reviewed by: **Tim Zgonena**

**Chris Storbeck, Sr. Project Engineer**

**Tim Zgonena, Primary Designated Engineer**

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## 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 Master Application Code:	Inverter Slave 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. All Testing was performed on representative samples of the Wind Turbine system including tests to certify the Nacelle as a suitable enclosure. 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, 1st Ed., Revised: November 7, 2005
- 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

Issued by: Chris Storbeck

**Chris Storbeck, Sr. Project Engineer**

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Reviewed by: Tim Zgonena

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