

SKYSTREAM 3.7™

Inverter Specifications

Manufacturer:	Southwest Windpower
Model:	Skystream 3.7
Rated Capacity:	1.8 kW rated 2.4 kW peak
Configuration:	120/240V (L-N-L), 120/208V (L-N-L), 240V (L-N), 120V (L-N)*
Nominal output voltage (ac):	1.0
Operating voltage range (ac):	212-264V
Operating frequency range:	59.3-60.5 Hz
Max continuous output current:	10A 11.5A
Max ambient temperature:	50 C. output power is reduced above 60 C. nacelle temperature
Rate Power Factor (%):	99%
Inverter Type:	(Ferroresonant, step, pulse-width modulation) PWM
Harmonic Distortion:	PER UL 1741/ IEEE 1547 (2007)
Total Harmonic Distortion:	2.7% at 2400 W, meets UL 1741 and IEEE 1547 requirements
Grid Feeding:	Southwest Windpower Utility Interactive Inverter 240 VAC**
Frequency Accuracy:	+/- 0.02 Hz
Voltage Accuracy:	+/- 2.0V (L-N)
Maximum System voltage:	350VAC (corresponding to 350RPM of the Skystream 3.7 wind turbine alternator).
Surge Rating:	IEEE1547 Surge Rating B3
Enclosure type:	3R (Rainproof)

Utility Interactive Ready

Meets UL 1741, Standard for Safety for Inverters, Converters, Controllers and Interconnections System Equipment for Use with Distributed Energy Resources, 1st Ed.; CAN/CSA-C22.2 No.107.1-01, 3rd Ed., General Use Power Supplies.

* 120V single phase configuration provides reduced output power of 1kW (this can be added as footnote)

**See Configuratin for grid voltage types.



Southwest Windpower

1801 W. Route 66 • Flagstaff, AZ 86001
Tel 928.779.9463 • Fax 928.779.1485
www.skystreamenergy.com

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