

SMALL WIND TURBINE

Inverter Specifications

Manufacturer: Southwest Windpower

Model: Skystream 3.7

Inverter Type: True sine wave, utility-

interactive

Generator Type: Permanent magnet,

synchronous, rectified and

inverted to grid

Line commutation Commutation Type:

Nameplate/Rated Capacity: 2.3 [kW] continuous at 25 C, 2.4 [kW] peak **KVA Capacity:** 2.3 [KVA] continuous at 25 C, 2.4 [KVA] peak

Power Factor: 99.9% at rated capacity

120/240 [VAC] or 120/208 [VAC] Nominal output voltage (AC):

Max continuous output current: 10 [A] at 120/240 [VAC] or 120/208 [VAC] or 11.54 [A] at 120/208 [VAC]

-20 C to 50 C Ambient temperature range:

Total Harmonic Distortion: 2.7% at rated capacity, meets UL 1741 and IEEE 1547 requirements

Efficiency: 93% at rated capacity

+/- 0.05 [Hz] Frequency Accuracy: +/- 2.0V (L-N) Voltage Accuracy:

IEEE1547 Surge Rating B3 Surge Rating:

Short Circuit Current: 720A peak before fast acting fuses open

3R (Rainproof) **Enclosure type:**

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, IEEE 1547.

Configurations

Grid Type	Voltage Range [VAC_L-N]	Voltage Range [VAC_L-L]	Frequency Range [Hz]	Line Configuration
120/240 [VAC], 60 [Hz], Split Single Phase	105.6 - 132.0	211.2 - 264.0	59.3 - 60.5	L - N - L
120/208 [VAC], 60 [Hz], Three Phase	105.6 - 132.0	182.9 - 228.6	59.3 - 60.5	L - N - L

Southwest Windpower

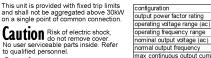
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Makers of Skystream 3.7® / AIR / Whisper

€ 91 us C €





SKYSTR*€*AM³.7"

Caution Risk of electric shock, both AC and DC voltage sources are terminated inside this equipment. Disconnect AC source and restrain turbine blades before servicing.

This unit is provided with fixed trip limits and shall not be aggregated above 30kW on a single point of common connection.

operating frequency range nominal output voltage (ac) normal output frequency 59.3-60.5 Hz max continuous output current rated output power peak output power software revision 2400W REV 2.02.00 50C. output is reduced nax ambient temperature above 60C. nacelle Skystream utility control of Rainproof
E300731 | Skystream of Rainproof | Real proof |
EEE 1547 Surge Rating B3 Southwest Windpower made in the

120/240V | 120/208V |

240V