

SKYSTREAM 3.7™

1.8 KW RESIDENTIAL POWER APPLIANCE

Skystream 3.7 is a breakthrough in a new generation of RPAs (Residential Power Appliances) that will change the energy landscape of how homes and small businesses receive electricity. Skystream is the first fully integrated system that produces energy for less than the average cost of electricity in the United States and it produces usable energy in exceptionally low winds.¹

Skystream is available on towers ranging from 33 feet (10.2m) to 110 feet (33.5m).² Its universal inverter will deliver power compatible with any utility grid from 110-240 VAC.³ Skystream will efficiently and quietly provide 40-90% of the energy needs for a home or small business. Any extra energy is fed into the grid spinning the meter backward.⁴



UL Certified (US & Canada). CE Certification Pending.

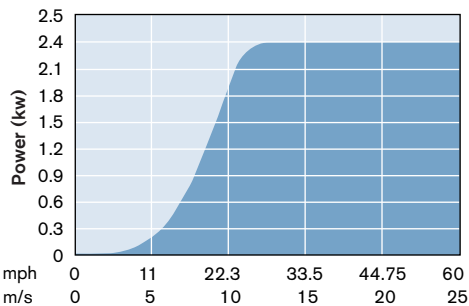
Technical Specifications

Model	Skystream 3.7
Rated Capacity	1.8 kW rated 2.4 kW peak
Weight	170 lbs. / 77 kg
Rotor Diameter	12 feet / 3.72 meters
Swept Area	115.7 ft ² / 10.87 m ²
Type	Downwind rotor with stall regulation control
Direction of Rotation	Clockwise looking upwind
Blade Material	Fiberglass reinforced composite
Number of Blades	3
Rated Speed	50 - 325 rpm
Tip Speed	66 - 213 f/s / 9.7 - 63 m/s
Alternator	Slotless permanent magnet brushless
Yaw Control	Passive
Grid Feeding	Southwest Windpower inverter 120-240 VAC 50-60/Hz
Braking System	Electronic stall regulation w/redundant relay switch control
Cut-in Wind Speed	8 mph / 3.5 m/s
Rated Wind Speed	20 mph / 9 m/s
User Control	Wireless 2 way interface remote system
Survival Wind Speed	140 mph / 63 m/s
Warranty	5 Year Limited Warranty

1. Based on a 12 mph (5.4 m/s) wind and utility energy cost of \$.09/kWh
2. Taller towers are available
3. 120V will be available in the 4th quarter of 2007
4. Assuming the Skystream 3.7 is producing more energy than the load is consuming



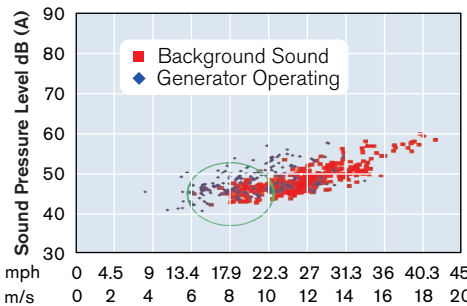
PERFORMANCE GRAPH



Standardized Wind Speed

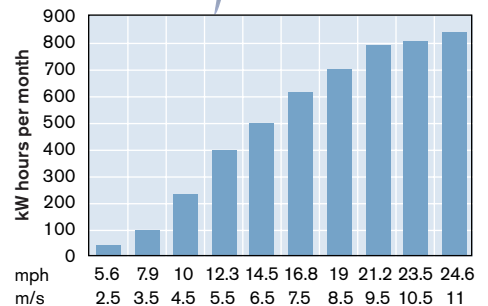
Projected data based on testing with the U.S. Department of Energy National Renewable Energy Laboratory (NREL).

SOUND REPORT



Average Annual Wind Speed

ENERGY CHART



Standardized Wind Speed