

SKYSTREAM 3.7™

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
Blades	3-Fiberglass reinforced composite
Rated Speed	50 - 325 rpm
Tip Speed	66 - 213 ft/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
Battery Charging	Battery Sensor available for battery charging systems
Braking System	Electronic stall regulation w/redundant relay switch control
Cut-in Wind Speed	8 mph / 3.5 m/s
Rated Wind Speed	21 mph / 9.4 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. Assuming the Skystream 3.7 is producing more energy than the load is consuming

SKYSTREAM 3.7™



Skystream 3.7 is a breakthrough in a new generation of RPAs (Residential Power Appliances) that is changing 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 delivers power compatible with any utility grid from 110-240 VAC. Skystream efficiently and quietly provides 40-90% of the energy needs for a home or small business. Any extra energy is fed into the grid spinning the meter backward.³

Performance Curves

