370 Mariamman Koil Street, Srivilliputtur – 626125
Virudhunagar District, Tamil Nadu, India
Tel: 91-4563-265590/ 263627/ 263360
Delhi- 91-11-43026445/ 65767900 / 9810817592 / 9911726633
E-mail: transsolartechnologies@yahoo.co.in Web: www.transsolartechnologies.com

There's a great big electricity source up in the sky. Wind. It's free, non-polluting, and endless. But until now only a few could tap into it.

Trans Solar Technologies introduce small and light weight wind electric generator. **Models available 400 W, 900 W, 1000 W, 3200 W & 2400 W Grid connected wind turbines.** Charges the 12 Volts or 24 Volts battery by which it can be inverted to 230 Volts,750 Watts to 1500Watts which can take the lighting load of the full house. If you already have the inverter / UPS /Silent Generator then just connect the wind power generator on the roof top and connect it to your battery. The charging is taken care by the inbuilt micro controller based charger circuit and protects the battery.

It is designed to take very less space lesser than a TV antenna and life time of 25 to 30 years.

Cost Economics: Produces power day and night any weather 4 folds more power than solar but four times it costs lesser than solar panels. Hybriding wind and solar would be the most reliable and efficient method to generate your own electricity.

Other Applications :Communication Equipments, Navigational Equipments, Power on boat, Off Shore, Desserts, Mountains, Resorts, Coastal and Hilly Regions. Can be mounted on a 1 ½ " GI pipe at a height where ever you get a wind speed of 15 to 50 kms/hr.

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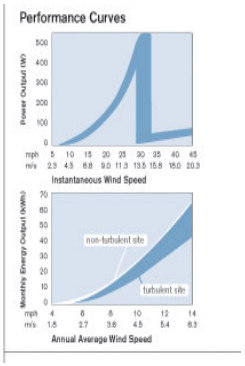
Air-X Land/Air-X Marine

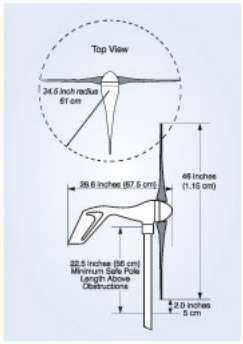
Technical Specifications

400 W Rooftop wind turbine

Rotor Diameter	1.15 m
Weight	5.8 kg
Dimensions	686 x 38 x 228 mm - 7.7 kg
Mounting	1.5" / 40 mm pipe
Start-Up Wind speed	13 kmph (3.6 m/s)
Voltage	12 V/ 24 V & 48 V DC
Rated Power	400 watts at 12.5 m/s
Turbine Controller	Microprocessor-based smart internal regulator with peak power tracking
Body	Cast aluminum
Blades	Carbon fiber composite – 3 Nos.
Overspeed Protection	Electronic torque control
kWH / month	38 kWh/mo @12 mph (5.4 m/s)
Survival Wind Speed	110 mph (49.2 m/s)
Warranty	3 Year Limited Warranty



Sphere of Operation



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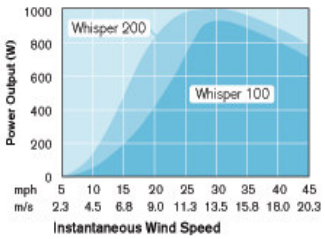
Whisper 100

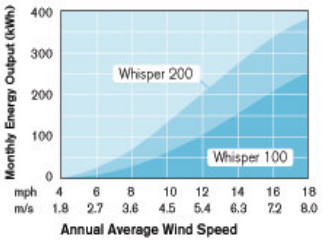
Technical Specifications

900 W wind turbine

Rotor Diameter	2.1 mts.
Weight	22.6 kg
Shipping Dimension	1295 x 508 x 330 mm
Mount	2.5" / 63.5 mm pipe
Start-Up Wind Speed	12 kmph / 3.4 m/s
Voltage	12/ 24/ 48 VDC (Field adjustable)
Rated Power	900 watts at 45 kmph / 12.5 m/s
Turbine Controller	Whisper controller
Body	Cast aluminum
Blades	Polypro/carbon glass reinforced – 3
Over Speed Protection	Patented side-furling
KWH Per Month	100 kWh/mo at 12 mph / 5.4 m/s
Survival Wind Speed	120 mph / 55 m/s
Warranty	5 Year Limited Warranty

Performance Curves





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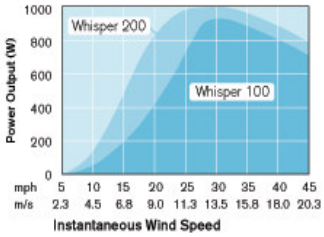
Whisper 200

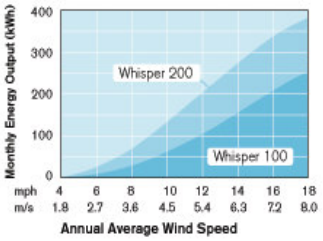
Technical Specifications

1000 W wind turbine

Rotor Diameter	2.8 meters
Weight	30 kg
Shipping Dimension	1295 x 508 x 330 mm
Mount	2.5" / 63.5 mm pipe
Start-Up Wind Speed	11 kmph / 3.1 m/s
Voltage	12/ 24/ 48 VDC (HV available)
Rated Power	1000 watts at 42 kmph / 11.6 m/s
Turbine Controller	Whisper controller
Body	Cast aluminum
Blades	3-Polypro/carbon glass reinforced
Over Speed Protection	Patented side-furling
KWH Per Month	158 kWh/mo at 12 mph / 5.4 m/s
Survival Wind Speed	120 mph / 55 m/s
Warranty	5 year limited warranty

Performance Curves





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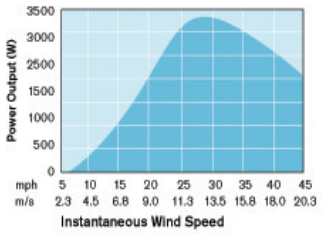
Whisper 500

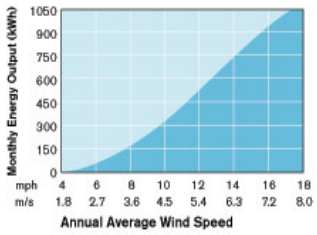
Technical Specifications

3000 W wind turbine

Rotor Diameter	4.5 m
Weight	70 kg
Shipping Dimension	914 x 635 x 812 mm Wt. 133.8 kg
Shipping Dimension	2235 x 305 x 152 mm Wt.17.2 kg
Mount	5" / 127 mm pipe
Start-Up Wind Speed	11 kmph / 3.4 m/s
Voltage	24, 32, 48 VDC (high voltage model available)
Rated Power	3000 watts at 24 mph / 10.5 m/s
Peak Power	3200 watts at 27 mph / 12 m/s
Turbine Controller	Whisper Charge Controller
Body	Welded steel; powder coated protection
Blades	2-Carbon reinforced fiberglass
Over Speed Protection	Side-furling
KWH Per Month	538 kWh/mo at12 mph / 5.4 m/s
Survival Wind Speed	120 mph / 55 m/s
Warranty	5 Year Limited Warranty

Performance Curves





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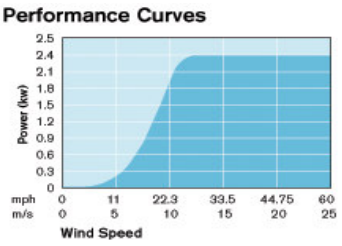
SKYSTREAM 3.7™

Model	Skystream 3.7
Rated Capacity	1.8 kW rated, 2.4 kW peak
Type	Grid connected wind Turbine
Weight	77 kg
Rotor Diameter	12 feet / 3.72 meters
Swept Area	115.7 ft 2 / 10.87 m
Blades	3-Fiberglass reinforced composite
Rated Speed	50 - 325 rpm
Tip Speed	9.7 - 63 m/s
Alternator	Slot less permanent magnet brushless
Yaw Control	Passive
Grid Feeding	120-240 VAC 50-60 Hz
Battery Charging	Battery Sensor available for battery charging
Braking System	Electronic stall regulation w/redundant relay switch control
Cut-in Wind Speed	3.5 m/s
Rated Wind Speed	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

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 country and it produces usable energy in exceptionally low winds.

Skystream is available on towers ranging from 10.2 m to 33.5 m tall. 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.



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