

Technical Specifications



Air X

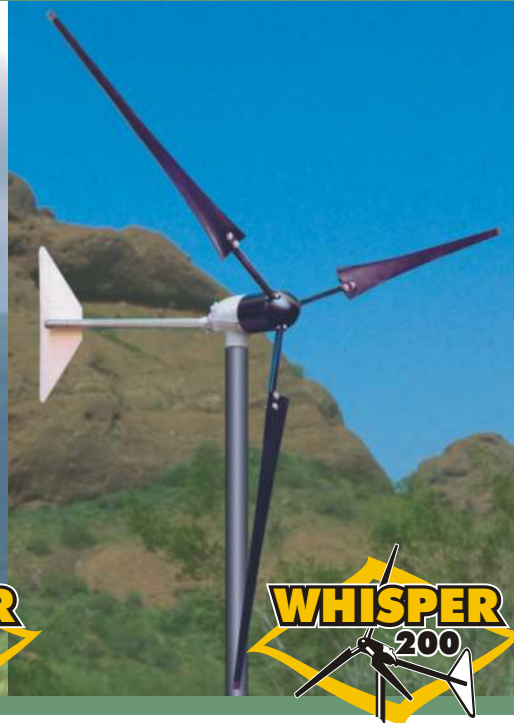
Whisper 100

Whisper 200

Whisper 500



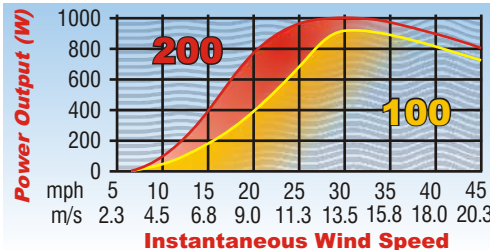
WHISPER 100



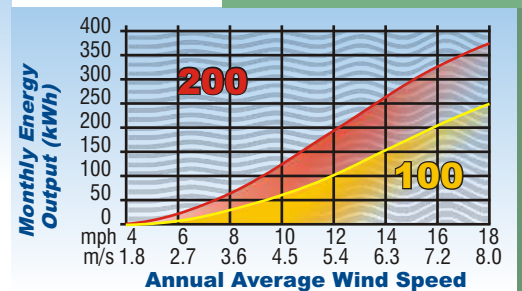
WHISPER 200



Rotor Diameter:	7 ft. (2.1m)	9 ft. (2.7 m)
Weight:	47 lbs (21kg) Box: 74 lbs (22.56kg)	65 lbs (30 kg) Box: 87 lbs (39.46kg)
Shipping Dimensions:	51 x 20 x 13" (1295 x 508 x 330mm)	51 x 20 x 13" (1295 x 508 x 330mm)
Mount:	2.5" schedule 40	2.5" schedule 40
Start-up wind speed:	7.5 mph (3.4m/s)	7 mph (3.1m/s)
Voltage:	12, 24, 36, 48 VDC	12, 24, 36, 48 VDC (HV available)
Rated Power:	900 watts at 28mph (12.5m/s)	1000 watts at 26 mph (11.6m/s)
Turbine Controller:	Whisper Controller	Whisper Controller
Body:	Cast Aluminum/Marine option avail.	Cast Aluminum/Marine option avail.
Blades (three):	Polypro/Carbon Glass Reinforced	Polypro/Carbon Glass Reinforced
Overspeed Protection:	Side-Furling	Side-Furling
Kilowatt hours per month:	100 kWh/mo @12mph (5.4m/s)	158 kWh/mo @12mph (5.4m/s)
Warranty:	5 Year Limited Warranty	5 Year Limited Warranty
Survival Wind speed:	120 mph (55 m/s)	120 mph (55 m/s)



Performance Curves



Rayleigh Distribution Curve k=2

Southwest Windpower

Renewable Energy Made Simple

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Whisper 500

Technical Specifications

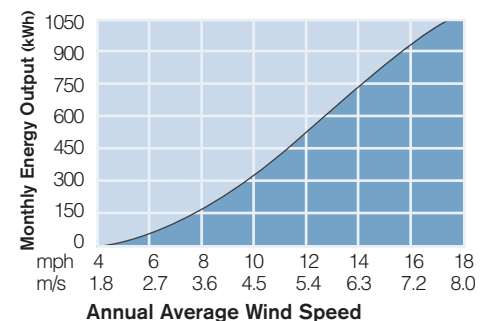
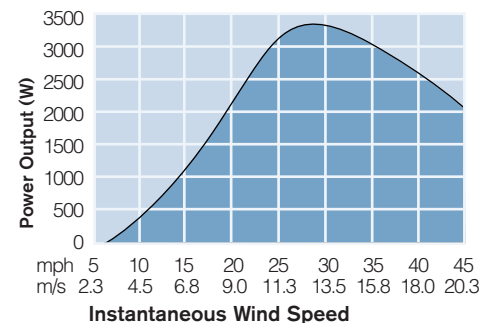
Rotor Diameter	15 feet (4.5 m)
Weight	155 lbs (70 kg)
Shipping Dimensions (box 1: body)	body: 36 x 25 x 32" (914 x 635 x 812 mm) 295 lbs. (133.8 kg)
Shipping Dimensions (box 2: body)	blades: 88 x 12 x 6" (2235 x 305 x 152 mm) 38 lbs. (17.2 kg)
Mount	5" schedule 40 pipe (12.7 cm)
Start-Up Wind Speed	7.5 mph (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 @ 27 mph (12 m/s)
Turbine Controller	Whisper Charge Controller (included)
Body	Welded steel; powder coated protection
Blades	(2) Carbon reinforced fiberglass
Overspeed Protection	Side furling
Kilowatt Hours Per Month	538 kWh/mo @12 mph (5.4 m/s)
Survival Wind Speed	120 mph (55 m/s)
Warranty	5 Year Limited Warranty



MADE IN THE USA



Performance Curves



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