

Whisper 500 Utility Tie

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)
Rated Power	3000 watts at 24 mph (10.5 m/s)
Peak Power	3200 watts @ 27 mph (12 m/s)
Turbine Controller	Whisper Controller (included)
Body	Welded steel; powder coated protection
Blades	(2) Carbon reinforced fiberglass
Overspeed Protection	Patented 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



Aurora Inverter	High speed MPPT optimized for W500 permanent magnet alternator
Max Power Input Current	10 Amps per MPPT Channel 20 Amps total True Sine Wave Output Anti-Islanding protection
Max Efficiency	96%
Size	16.5 H x 12.8 W x 6.75" D (420 x 326 x 141 mm) IP65/NEMA 4X Enclosure
Weight	29 lbs. (13 kg)



Wind Interface	
Size	10.125 H x 11.125 W x 3.6" D (255 x 280 x 90 mm)
Weight	5 lbs. (2.3 kg)

Standards and Codes Aurora inverters comply with standards set for utility-tied operation, safety and electromagnetic compatibility including: UL1741, CSA and CE certification

Performance Curves

