

MODELAA-10 VAWT TECHNICAL INFORMATION

GENERATION CAPACITY	11,500 Watts
Average Rated Wind Speed	10Kw @ 11m/s
Rotation begins at	3 m/s
Generation begins at	3 m/s
Cut-off Wind Speed	90 mph/ 145kph
Operating RPM	70 - 100RPM
Braking System	Auto over speed with manual over ride disc brake. No gear box no drive shaft, no brushes or slip ring
Vibration	Nil --- still in testing
System Configuration	3 wind blades mounted directly to generator
Blades	Powder Coated
Height of Blade	240 in. / 610 cm.
Blade Depth	47 in. / 119 cm.
Blade Width	10 in. / 25 cm.
Diameter of turbine w/Blades	105 in / 267 cm.
Circumference	329 in. / 838 cm.
Weight of Turbine	1144lbs / 520 kilograms
Noise	65db @ 15ft (4.5m)
Turbine Output	1 watt to 10,000 watts in DCV or ACV single phase or 3 phase depnding on system
Turbine	Savonius-Darrieus Hybrid (drag-lift) will take wind from any direction
Maintenance	Low--1 sealed bearing auto greaser standard equipment
Expected Life	15-20 years
Warranty	5 years