

MODELAA-5 VAWT TECHNICAL INFORMATION

GENERATION CAPACITY	6100 Watts
Average Rated Wind Speed	5Kw @ 11m/s
Rotation begins at	2m/sec wind speed
Generation begins at	3m/sec wind speed
Cut off Wind Speed	70mph / 145 km/h
Operating RPM	70 - 100 RPM
Braking System	auto over speed with manual over ride disc brake. No gear box no drive shaft, no brushes or slip ring
Vibration	Nil Vibration
Configuration	3 wind Blades mounted directly to generator
Blades	Powder Coated
Height of Blades	144 in. / 365 cm.
Blade Depth	29 in. / 74 cm.
Blade Width	10 in. / 25 cm.
Diameter of turbine w/Blades	93 in. / 236 cm.
Circumference	292 in. / 742 cm.
Weight of turbine	1030 lbs. / 468 Kg.
Noise	65db @ 15ft. (4.5m)
Turbine Output	1 - 6100 Watts AC or DC Current Single or 3 Phase
Turbine	Savonius-Darrieus Hybrid (drag-lift) will take wind from any direction
Maintenance	Low -1 sealed bearing auto greaser standard equipment
Expected Life	15-25 years
Warranty	5 years