

MODELAA-2 VAWT TECHNICAL INFORMATION

GENERATION CAPACITY	2000 Watts
Average Rated Wind Speed	2Kw @ 11m/s
Rotation begins at	2m/s
Generation begins at	3m/s
Cut-off Wind Speed	90mph/145km/h
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 rings
Vibration	Nil Vibration
System Configuration	3 wind blades mounted directly to generator
Blades	Powder coated
Height of Blade	72 in. / 183 cm.
Blade Depth	29 in. / 74 cm.
Blade Width	10 in. / 25 cm.
Diameter of Turbine with Blades	83 in. / 210 cm.
Circumference	260 in. / 659 cm.
Weight of turbine	790 lbs. / 358 Kg.
Noise	65db @ 15ft. (4.5m)
Turbine Output	1-2000 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