

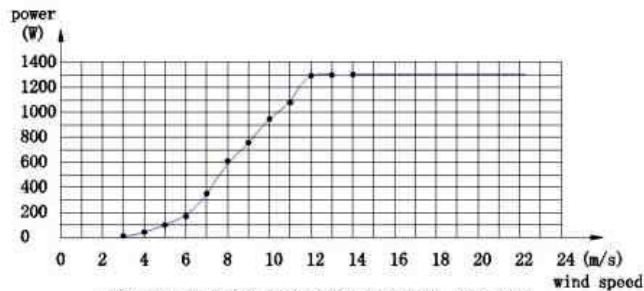
Planetary Systems XG-H1KW Wind Turbine



After testing about every version of Vertical Axis Wind Turbine available, we have decided on three versions of the design that work in specific environments, light wind, heavy wind and intermediate wind. This version is particularly suited to nearly all environments. This is our currently recommended version for all general wind locations where a large tower is not reasonable. Steel and Fiberglass construction, very quiet.

XG-H1KW Technical Parameter

Item	1000W
blade diameter	2m (79")
material of the blades	Fiberglass-Reinforced Plastic
rated rotor speed	150r/min
rated speed	12m/s (28mph)
rated Power	1000W
max Power	1200w
Max start torque (n/m)	<0.4
output voltage	48V/24v
start up wind speed	2.5(m/s) (5.5mph)
work speed	3-25(m/s)(6.7 -56mph)
security wind speed	50(m/s) (112mph)
Recommended tower height	15'
generator type	3-phase AC PM
top quality (generator +blades)	60kg



1000W VAWT OUTPUT POWER CURVE

Controller monitors wind output, turbine RPM, amps, volts, Kw, Kwh and can stop wind or unload when outside of adjustable limits. Controller is programmable. 48vdc or 24vdc output to battery.

Exclusive Buck-Boost controller for VAWT

1000W Unit requires 5" steel pole for mounting.

Tower adaptor required \$ 395.00

Standard unit-(without pole) with controller \$ 2,994.00 FOB-Ennis, MT

Typical mounting pipe-15' complete \$ 1,650.00

3 year warranty on wind generator-additional pro-rated warranty available



* Warranty includes replacement or repair of unit at suppliers option, does not include any damages of any kind or compensation for loss of power input or other consequences. Warranty does not include labor or travel for repairs, parts only.