



Century Wind Energy

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CWE Vertical Axis Turbine Series 1kW – 10kW

	CWE-V-P1000	CWE-V-P3000	CWE-V-P5000	CWE-V-PK-10
Rated Output (watts)	1000	3000	5000	10000
Cut-in Wind Speed (mph)	6	6	6	7.5
Rated Wind Speed	26	26	24	26
Operating Speed (mph)	5.2-55	4.8-55	6.2-50	6-55
Survival Wind Speed (mph)	111	111	111	111
Rotor Diameter (ft)	5'10"	9'10"	13'1"	19'8"
Number of Blades	5	5	5	5
Blade (length)	6'7	11'10"	15'1"	20'4'
Net Weight of Mill & Generator (lb.)	352	1,393	2,167	4,190
Rated Voltage (V.A.C.)	200-400 On Grid	200-400 On Grid	250-500 On Grid	250-500 On Grid
V.A.W.T. Over-Speed Protection	Electronic/Dump load	Automatic Aerodynamic Variable Pitch	Automatic Aerodynamic Variable Pitch	Automatic Aerodynamic Variable Pitch
Secondary Brake Style	Automatic Electromagnetic	Automatic Electromagnetic	Automatic Electromagnetic	Automatic Electromagnetic
Aurora Inverter	1 -Required	1- Required	1-Required	2 -Required
Controller Output (V.D.C)	200-400 Grid Tie	200-400 Grid Tie	250-500 Grid Tie	280-500 Grid Tie
DBA. 16mph @ 10' Distance	32	32	32	32
Assuming Wind Capture 20-40% of the time at rated speed	2,100 KWh – 4,200 KWh Annually	5,950 KWh – 11,900 KWH Annually	9,630 KWh – 19,270 KWh Annually	21,000 KWh— 42,000 KWh Annually
Off Grid Controller 50/60HZ	48vd/c	48vd/c	48vd/c	48vd/c
Flanged Monopole	18'	18'	18'	18'

California Energy Commission (CEC)

The information contained herein may change without notice. *Individual performance results may vary.

