



Century Wind Energy

www.centurywindenergy.com
centurywind@bellsouth.net

CWE Vertical Axis Turbine Series 50kW—1MW

	CWE 50kW	CWE 500kW	CWE 1MW
Rated Output (watts)	50	500	1MW
Cut-in Wind Speed (mph)	6	6	6
Rated Wind Speed	28	28	28
Operating Speed (mph)	6.6—67	6.6-67	6.6-67
Survival Wind Speed (mph)	133	133	133
Rotor Diameter (ft)	33'4"	116'8"	200'
Nominal RPM	43	14	12
Hydraulic Variable Pitch Blades/Airfoil w/Lightning Protection	6	6	6
Blade (length)	33'	93'4"	116'
Net Weight of Mill & Generator (t=metric tons)	12t	60t	100t
Rated Voltage 50/60Hz (V.A.C.)	690	690	690
V.A.W.T. Over-Speed Protection	Electronic/ Hydraulic	Electronic/ Hydraulic	Electronic/ Hydraulic
Secondary Brake Style	Mechanical Drum	Auto Disc	Auto Disc
Drive Type	Helical/ Planetary 1:15 ratio	Helical/ Planetary 1:15 ratio	Helical/ Planetary 1:15 ratio
Total Structure Height (ft.)	60.3'	136'	193'
Platform Height (ft.)	38.3'	67'	84'
Standard System Monitoring via CPU Bus-Mastering	Yes	Remote Access	Remote Access

