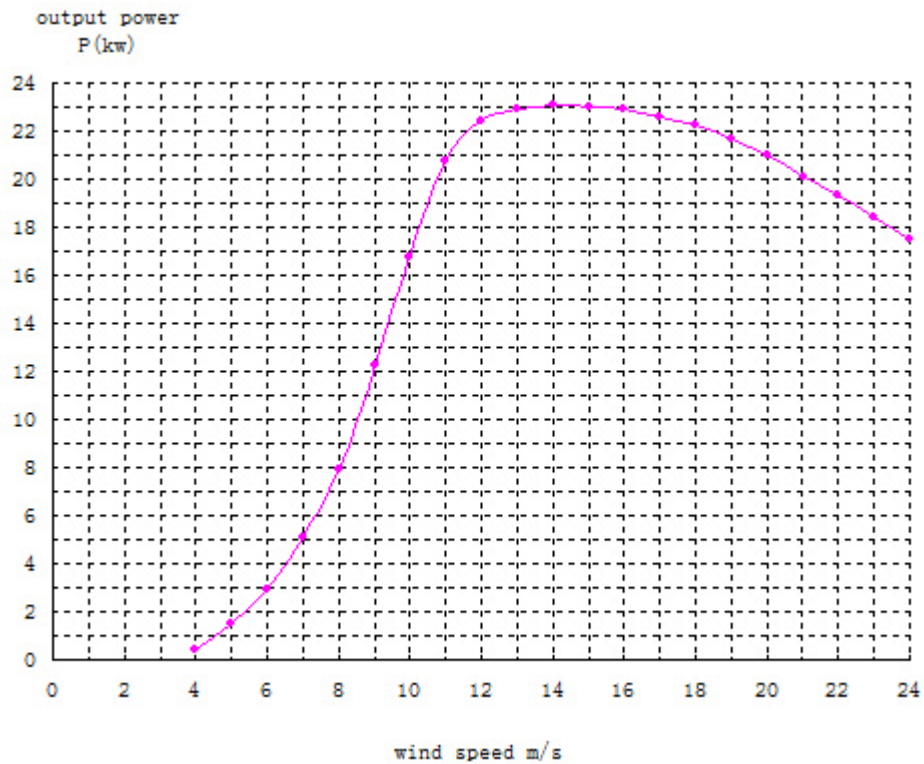


ECO-20KW Wind Turbine Generators, wind energy, wind power

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wind speed m/s	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
output power P(kw)	0.4	1.51	2.91	5.08	7.88	12.2	16.7	20.8	22.4	22.9	23.1	23	22.9	22.6	22.2	21.66	21	20.12	19.4	18.5	17.5



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ECO-20kw Technical parameters	
Wind rotor diameter (m)	10
Blade material and quantity	Fiber glass reinforced * 3
Rated power / max power (w)	20k/23k
Rated wind speed (m/s)	11
Rated rotate speed (rpm)	180
Working wind speed (m/s)	4-30
Startup wind speed (m/s)	3
Survived wind speed (m/s)	50
Working voltage (v)	DC540v AC400V
Battery voltage / capacity (v, ah)	2*250=500/200
Speed regulation method	Yawing and hydraulic brake
Stop method	Manual brake
Generator style	Three phase, permanent magnet
Wind turbine weight (kg)	980
Guyed wire Tower height / weight (m/kg)	15/1200
Free stand conical Tower height / weight (m/kg)	15/2800



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