

Wind Turbine Generator ECO-1000W

ECO-1000w Wind turbine output power curve																					
wind speed m/s	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
output power P(w)	20	65	130	240	390	580	825	1100	1300	1380	1380	1350	1310	1255	1185	1095	990	875	735	570	



ECO-1000w Technical parameters	
Wind rotor diameter (m)	2.8
Blade material and quantity	Fiber glass reinforced * 3
Rated power / max power (w)	1000/1400
Rated wind speed (m/s)	10
Rated rotate speed (rpm)	450
Working wind speed (m/s)	3-25
Startup wind speed (m/s)	3
Survived wind speed (m/s)	40
Working voltage (v)	DC48V AC220V
Battery voltage / capacity (v, ah)	12*4=48 / 200 or 100
Speed regulation method	yawing and electromagnetic

Stop method	Manual brake
Generator style	Three phase, permanent magnet
Wind turbine weight (kg)	70
Guyed Tower height / weight (m/kg)	6/85
Free stand Tower height / weight (m/kg)	6/280



**[Horizontal wind Turbine Generator ECO-500W](#)**

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Wind Turbine Power Generator**

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