

# Wind Turbine (Model No. EGE-WT-500W)



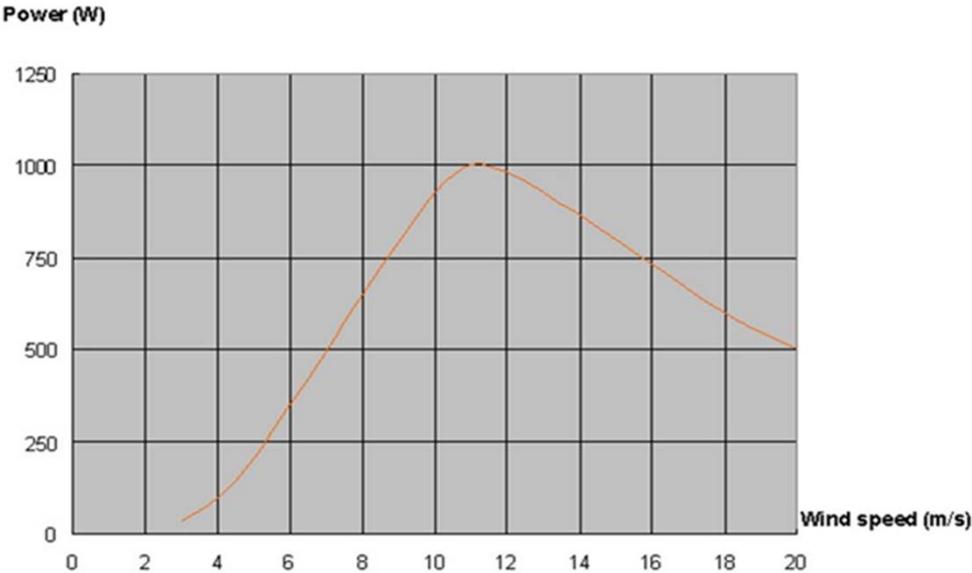
## Specifications

Items	Parameters
Rated power (W)	500
Maximum output power (W)	1000
Battery bank voltage (VDC)	24
Cut-in wind speed (m/s)	3
Rated wind speed (m/s)	7
Working wind speed (m/s)	3-25
Survival wind speed (m/s)	50
Generator efficiency	>0.78
Wind energy utilizing ratio (Cp)	0.48
Generator type	Permanent Magnet Alternator
Generator weight (kg)	6.5
Blade material/quantity	GRP/3
Blade diameter (m)	Φ2.5
Mast height (m)	6
Over speed control	Yawing mechanism + Electromagnetic brake
Shutting down method	Manual + Automatic

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## Power Curve



## Installed Units

Esavior 500W wind turbine is mainly designed for the off-grid systems.

