

Wind Turbine (Model No. EGE-WT-1KW)



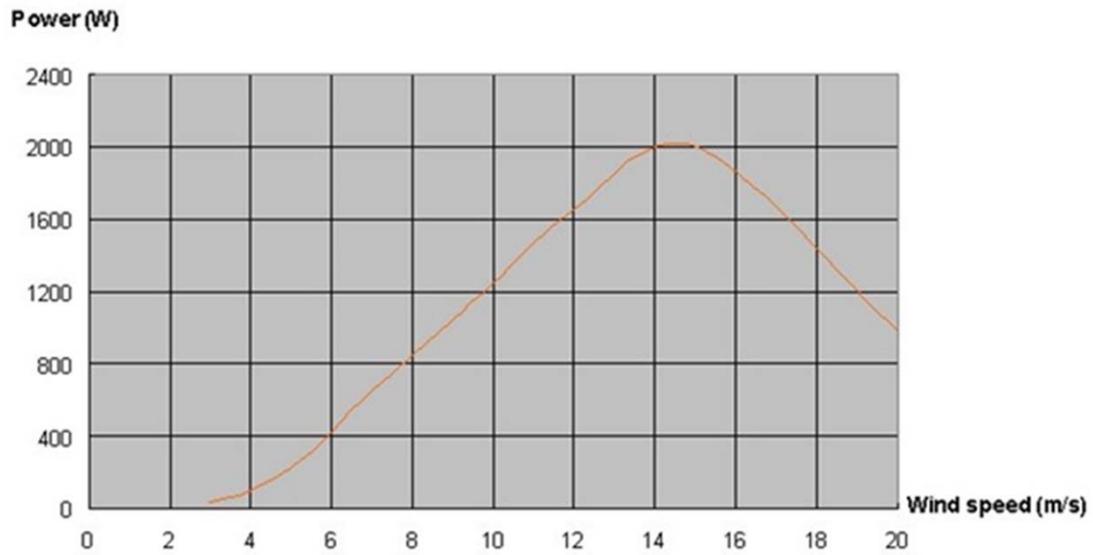
Specifications

Items	Parameters
Rated power (W)	1000
Maximum output power (W)	2000
Battery bank voltage (VDC)	60
Cut-in wind speed (m/s)	3
Rated wind speed (m/s)	9
Working wind speed (m/s)	3-25
Survival wind speed (m/s)	50
Generator efficiency	>0.8
Wind energy utilizing ratio (Cp)	0.45
Generator type	Permanent Magnet Alternator
Generator weight (kg)	15
Blade material/quantity	GRP/3
Blade diameter (m)	Φ3.1
Mast height (m)	8
Over speed control	Yawing mechanism + Electromagnetic brake
Shutting down method	Manual + Automatic

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Power Curve



Installed Units

Esavior 1KW wind turbine can be applied in both the on-grid system and the off-grid system.

