

Wind Turbine (Model No. EGE-WT-50KW)



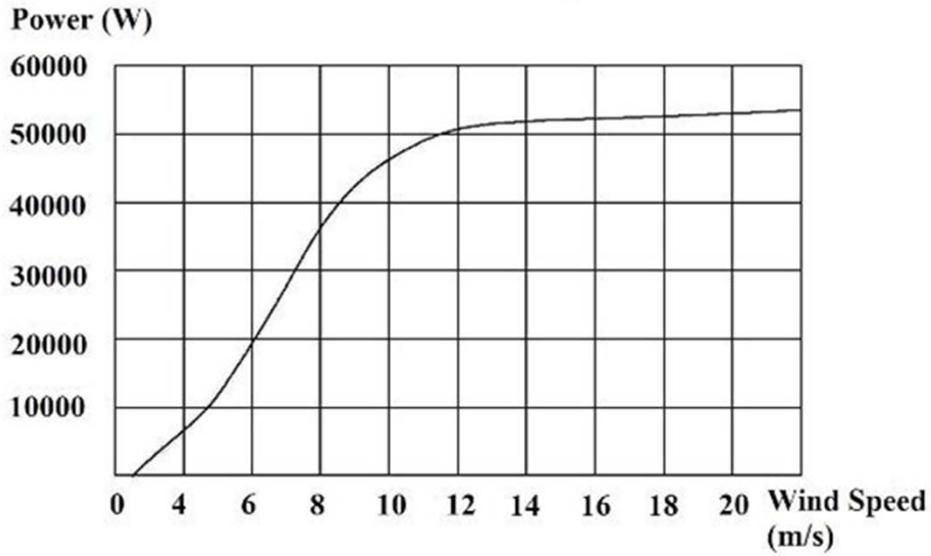
Specifications

Items	Parameters
Rated power (W)	50000
Maximum output power (W)	55000
Battery bank voltage (VDC)	400
Cut-in wind speed (m/s)	2.5
Rated wind speed (m/s)	11,5
Working wind speed (m/s)	2.5-25
Survival wind speed (m/s)	50
Generator efficiency	>0.92
Wind energy utilize ratio	0.42
Generator type	Permanent Magnet Alternator
Generator weight (kg)	1200
Blade material/quantity	GRP/3
Blade diameter (m)	Φ16.5
Over speed control	Yaw + Electromagnetic brake + Hydraulic brake
Shutting down method	Manual + Automatic

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Power Curve



Installed Units

Esavior 50KW wind turbine is mainly applied in on-grid system. It can also be applied in off-grid system.

