

Wind Turbine (Model No. EGE-WT-30KW)



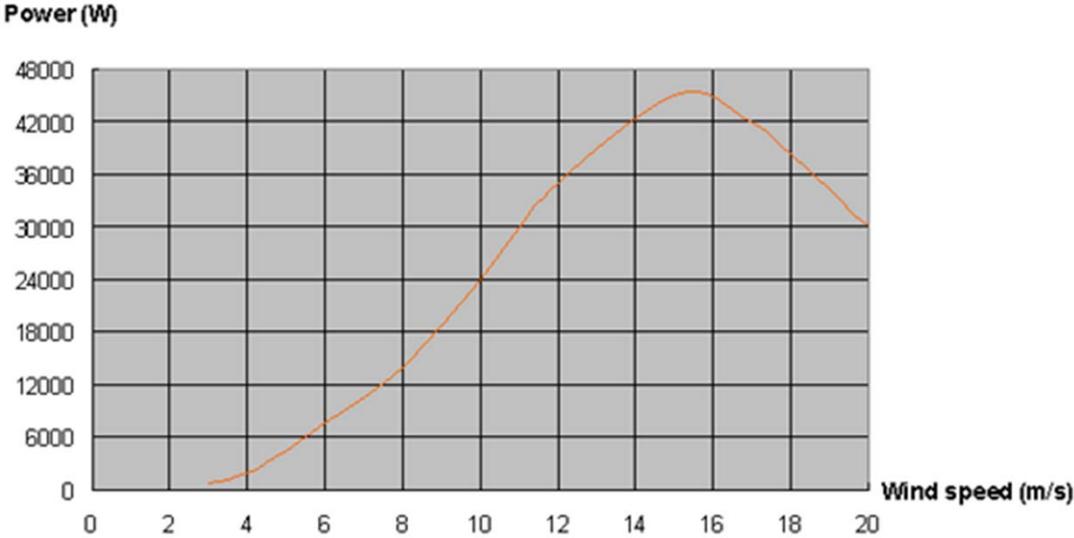
Specifications

Items	Parameters
Rated power (W)	30000
Maximum output power (W)	45000
Battery bank voltage (VDC)	360
Cut-in wind speed (m/s)	2.5
Rated wind speed (m/s)	11
Working wind speed (m/s)	2.5-25
Survival wind speed (m/s)	50
Generator efficiency	>0.92
Wind energy utilizing ratio (Cp)	0.42
Generator type	Permanent Magnet Alternator
Generator weight (kg)	800
Blade material/quantity	GRP/3
Blade diameter (m)	Φ10.0
Over speed control	Yaw + Electromagnetic brake + Hydraulic brake
Shutting down method	Manual + Automatic

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Power Curve



Installed Units

Esavior 30KW wind turbine is mainly applied in on-grid system. It can also be applied in off-grid system.



Esavior 30kw wind turbine installed in Germany