

# Wind Turbine (Model No. EGE-WT-3KW)



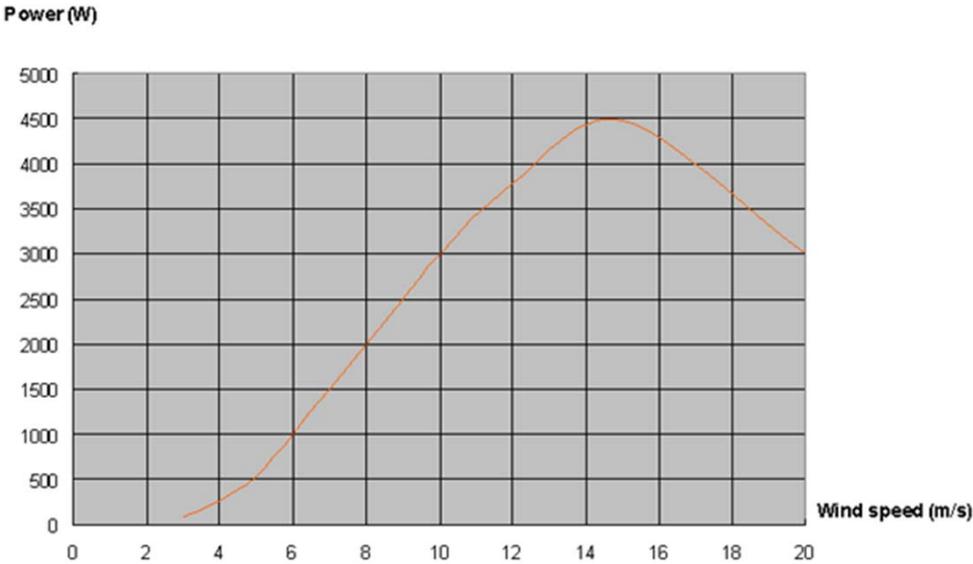
## Specifications

Items	Parameters
Rated power (W)	3000
Maximum output power (W)	4500
Battery bank voltage (VDC)	180
Cut-in wind speed (m/s)	2.5
Rated wind speed (m/s)	10
Working wind speed (m/s)	2.5-25
Survival wind speed (m/s)	50
Generator efficiency	>0.8
Wind energy utilizing ratio (Cp)	0.4
Generator type	Permanent Magnet Alternator
Generator weight (kg)	71.8
Blade material/quantity	GRP/3
Blade diameter (m)	Φ4.8
Over speed control	Yawing + Electromagnetic brake / Hydraulic brake (optional)
Shutting down method	Manual + Automatic

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## Power Curve



## Installed Units

Esavior 3KW wind turbine can be applied in both the on-grid system and the off-grid system.

