

Wind Turbine (Model No. EGE-WT-400W)



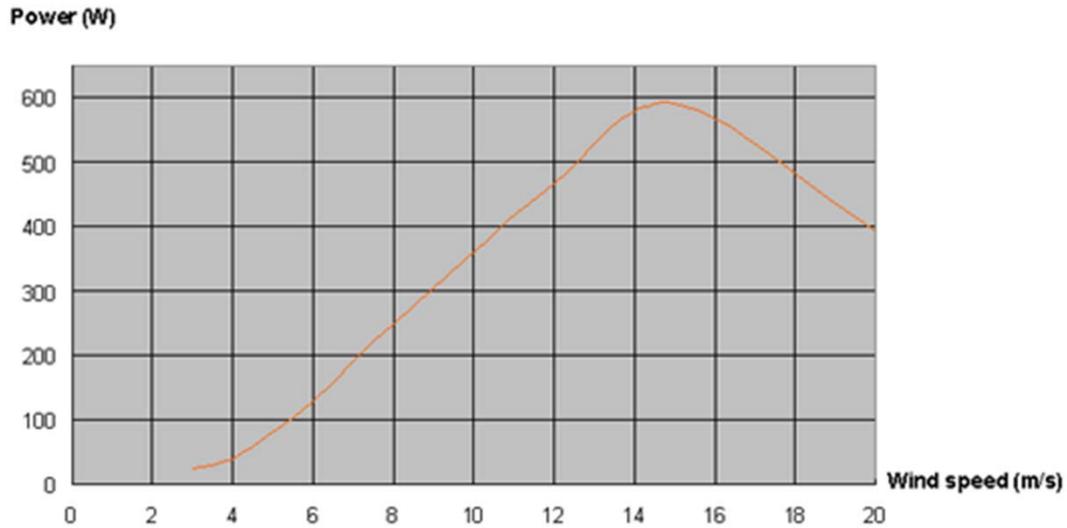
Specifications

Items	Parameters
Rated power (W)	400
Maximum output power (W)	600
Battery bank voltage (Vdc)	12
System output voltage (Vdc)	12
Start-up 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	>0.8
Wind energy utilizing ratio (Cp)	0.4
Generator type	Permanent Magnet Alternator
Generator weight (kg)	5.5
Blade material/quantity	GRP/3
Blade diameter (m)	Φ1.25
Speed regulation method	Yawing + Electromagnetism braking
Shutting down method	Manual + Automatic

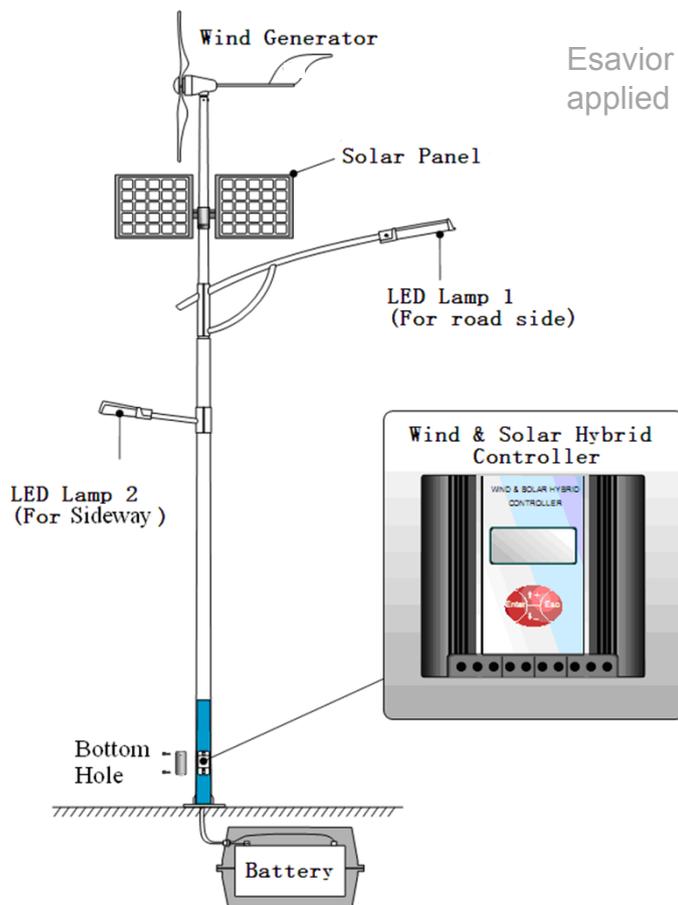
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Power Curve



Application



Esavior 400W wind turbine is mainly applied in wind/solar hybrid street light.