



Technical Documentation

Specifications for UGE-9M

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UGE-9M Wind Turbine Specifications

Physical Information

Axis	Vertical
Height	9.60 m [31' 6"]
Width	6.40 m [21' 0"]
Weight	4900 kg [10800 lbs]
Swept Area	61.4 m ²
Blade Materials	Fiberglass with Steel Reinforcement

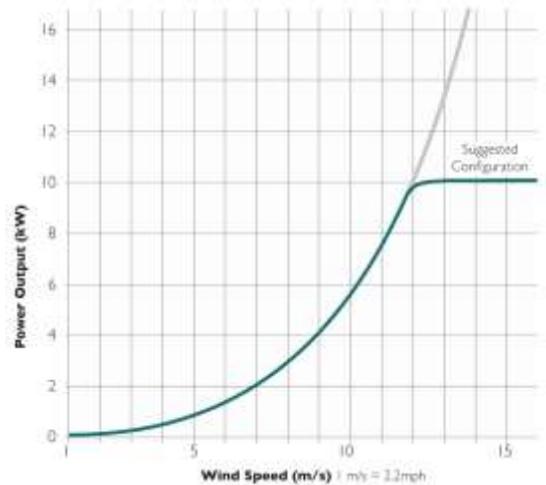
Performance

Rated Power	10000 W
Cut-in Wind Speed	3.5 m/s [7.8 mph]
Cut-out Wind Speed	30 m/s [67.1 mph]
Rated RPM	55 RPM
Survival Wind Speed	50 m/s [111.8 mph]
Rated Wind Speed	12 m/s [26.8 mph]
Annual Energy at 5 m/s	14750 kWh
Noise from IEC 61400-11 at 12 m/s [26.8 mph]	38 dB

Electric Generation

Generator Type	Three-Phase Permanent Magnet
Temperature	-25 °C to 40 °C [-13 °F to 104 °F]
Drive System	Direct Drive
Rated Output	
Grid-Tie	530 V _{DC} Equivalent
Inverters and Controllers	Available for all locations and regulations

UGE-9M Power Curve



UGE-9M Annual Output

