

# UGE 9M™



## The World's Most Powerful Helical Wind Turbine

Businesses, communities and institutions can now benefit from UGE's quiet, elegant and efficient design for their larger energy projects. This powerful turbine generates energy at low wind speeds and captures wind from any direction. Standing at a height of 9 meters, the UGE-9M makes an impressive environmental statement while offsetting your energy costs.

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# SPECIFICATIONS

## General

Axis	Vertical
Height	9.6 m (31' 6")
Width	6.4 m (21')
Swept Area	61.4 m <sup>2</sup> (661.5 ft <sup>2</sup> )
Weight	4000 kg (8816 lb)
Blade Materials	Carbon Fiber & Fiberglass with Steel reinforcement

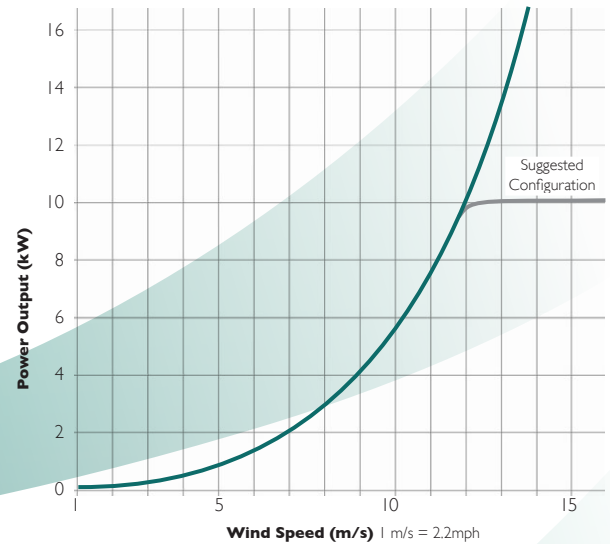
## Performance

Energy Output	14,500 kWh/yr (at 5.5 m/s)
Cut-In Wind Speed	3.5 m/s (7.8 mph)
Cut-Out Wind Speed	30 m/s (67 mph)
Rated RPM	55 RPM
Survival Wind Speed	50 m/s (110 mph)

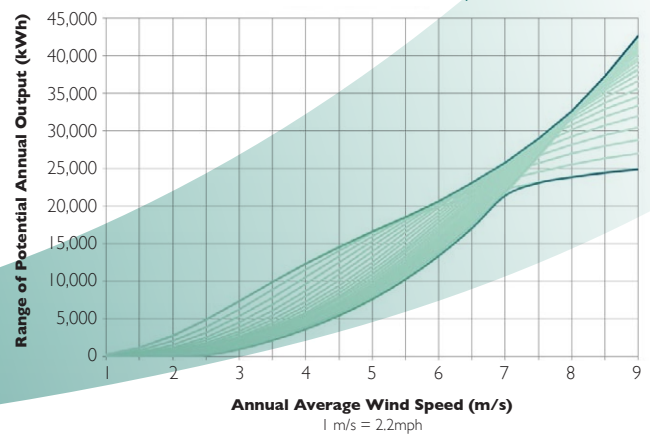
## Electric Generation

Generator Type	Three-phase permanent magnet
Drive System	Gearless
Rated Output	530Vdc

UGE-9M Power Curve



UGE-9M Annual Output



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