



Technical Documentation

Specifications for UGE-200 (HoYi!)

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HoYi! Wind Turbine Specifications

Physical Information

Axis	Vertical
Height	1.3 m [4'-3"]
Width	0.8 m [2'-8"]
Swept Area	0.84 m ² [9 ft ²]
Weight	40 kg [88.1 lbs]
Blade Materials	Fiberglass
Blade Color	White, Silver, Black, Green, Custom

Performance

Rated Power	200 W
Rated Wind Speed	12 m/s [26mph]
Cut-in Wind Speed	2.5 m/s [5.6 mph]
Cut-out Wind Speed	30 m/s [66 mph]
Survival Wind Speed	50 m/s [110 mph]
Rated RPM	200 RPM
Noise at 12 m/s	<40 dB

Electric Generation

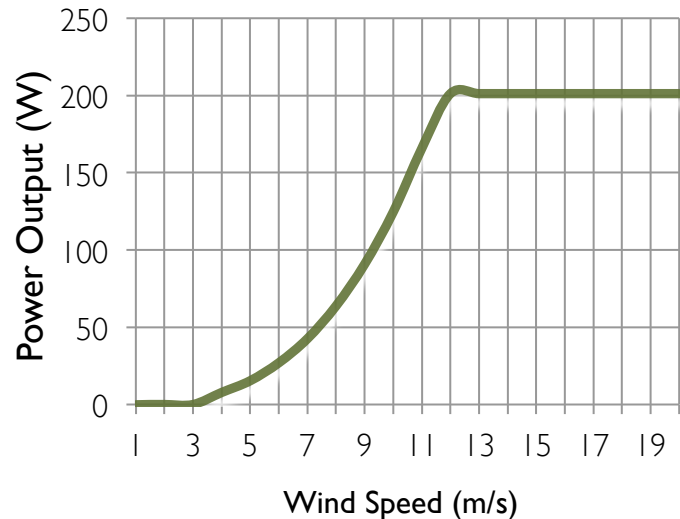
Generator Type	Three-Phase Permanent Magnet
Drive System	Direct Drive
Rated Output	24 Vdc (Off-Grid)
Temperature Range	-25 C to 40 C (-14 F to 105 F)

Certifications

CE Certified	European Conformity
ISO 9001	Manufacturing Quality Management

Model Number UGE-200

Power Curve



1 m/s = 2.2 mph