

Technical Documentation

Specifications for HoYi!

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UGE-1M Wind Turbine Specifications

Physical Information

Axis Vertical
Height 1.3 m [4'-3"]
Width 0.8 m [2'-8"]
Swept Area 0.84 m² [9 ft²]
Weight 41 kg [90.4 lbs]
Blade Materials Fiberglass
Blade Color White, Siver, Black,

Performance

Rated Power

Rated Wind Speed

Cut-in Wind Speed

Cut-out Wind Speed

Survival Wind Speed

200 W

12 m/s [26 mph]

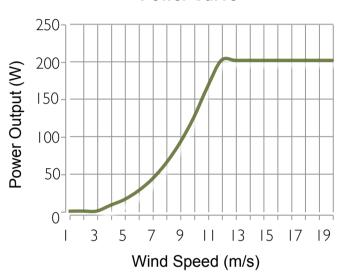
2.5 m/s [5.6 mph]

30 m/s [66 mph]

50 m/s [110 mph]

Rated RPM 200 RPM

Power Curve



1 m/s = 2.2 mph

Electric Generation

Generator Type Three-Phase Permanent Magnet

Green, Custom

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-1M