



## Technical Documentation

### Specifications for UGE-600 (eddy)

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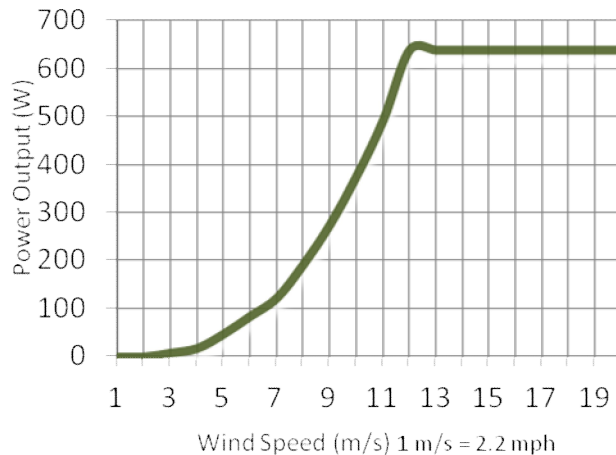


# Urban Green Energy

## eddy Wind Turbine Specifications

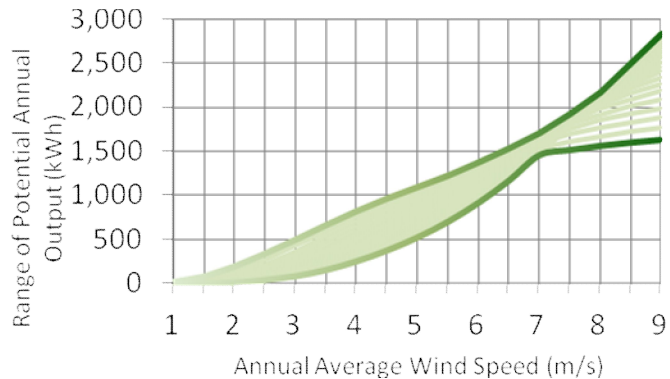
### Physical Information

Axis	Vertical
Height	1.80 meters
Width	1.38 meters
Weight	92 kg
Swept Area	2.36 m <sup>2</sup>
Blade Materials	Carbon Fiber & Fiberglass



### Performance

Rated Power	600 W
Cut-in Wind Speed	3.5 m/s
Cut-out Wind Speed	32 m/s
Rated RPM	200 RPM
Survival Wind Speed	55 m/s
Rated Wind Speed	12 m/s
Annual Energy at 5 m/s	780 kWh
Noise from IEC 61400-11 at 12 m/s	36 dB



### Certifications

CE Certified	European Conformity
IEC-61400-2	Wind Turbine Safety
IEC-61400-11	Noise Level Certification
IEC-61400-12	Power Performance Certification
ISO-2631	Vibration Level Certification

### Electric Generator

Generator Type	Three-Phase Permanent Magnet
Ambient Temperature	-25 C to 65 C (-13 F to 150 F)
Drive System	Direct Drive
Rated Output	
Off-Grid	24 Vdc
Grid-Tie	N/A
Inverters and Controllers	Available for all locations and regulations