


UGE-4K

With **Urban Green Energy's** 4kW Vertical Axis Wind Turbine, you can make your own energy choice and ensure your home or business's power is provided by a 100% clean, renewable energy source. Quieter than a human whisper, the UGE-4K can be installed on a tower, a roof, or just about anywhere!

The UGE-4K is designed to power an average home with wind speeds as low as 10 mph (16 km/h). It's also easy to combine multiple turbines into one system to provide even more power!

Choose the Grid-Tie option to sell excess electricity back to your local utility company, and have the added security of knowing any electricity requirements can be met under any circumstance. BATTERY BACKUP  and **SOLAR READY** configurations make this product the most versatile of its kind in the market.

Please speak to your local distributor or visit www.urbangreenenergy.com for more information on our products and government incentives that will make your purchase even more affordable!



SPECIFICATIONS

General

Axis	Vertical
Height	4.40 meters
Width	3.00 meters
Weight	444 kg
Swept Area	12.5 m ²
Blade Materials	Carbon Fiber and Fiberglass

Performance

Rated Power	4000 W
Cut-in Wind Speed	3.5 m/s
Cut-out Wind Speed	30 m/s
Rated RPM	125 RPM
Survival Wind Speed	55 m/s
Rated Wind Speed	12 m/s
Noise Level at 12 m/s	38 dB

Certifications

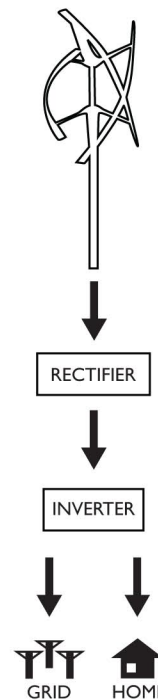
CE Certified	European Conformity
IEC-61400-2	Wind Turbine Safety
IEC-61400-11	Noise Level Certification
IEC-61400-12	Power Performance Certification
ISO-2631	Vibration Level Certification

Electric Generation

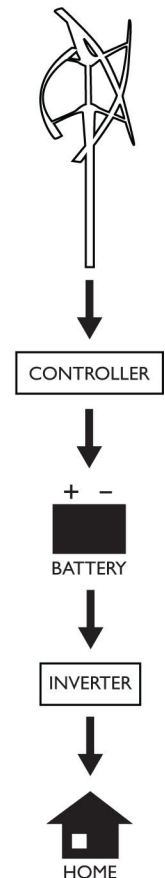
Generator Type	Three-Phase Permanent Magnet
Rated Output	
Off-Grid	48 V DC
Grid-Tie	600 V DC

Inverters and Controllers available for all locations and regulations

Grid-Tie



Battery Backup



For more information, visit
www.urbangreenenergy.com/eddy
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