


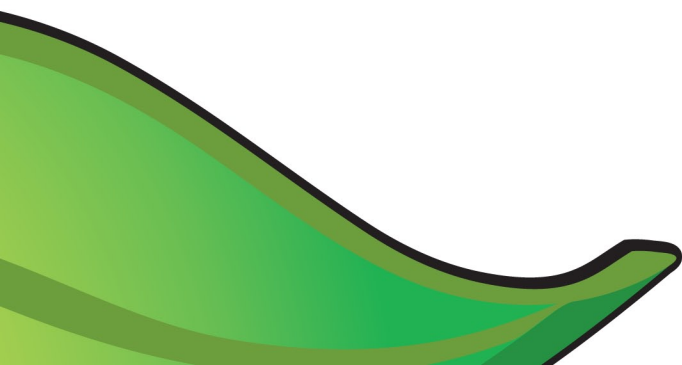
UGE-1K

With **Urban Green Energy's** 1kW 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-1K can be installed on a tower, a roof, or just about anywhere!

The UGE-1K is designed to provide a significant contribution to a home or business's energy needs, even at 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 _____ 2.70 meters
 Width _____ 1.80 meters
 Weight _____ 175 kg
 Swept Area _____ 3.24 m²
 Blade Materials _____ Carbon Fiber and Fiberglass

Performance

Rated Power _____ 1000 W
 Cut-in Wind Speed _____ 3 m/s
 Cut-out Wind Speed _____ 30 m/s
 Rated RPM _____ 180 RPM
 Survival Wind Speed _____ 55 m/s
 Rated Wind Speed _____ 12 m/s
 Noise Level at 12 m/s _____ 38 dB

Certifications

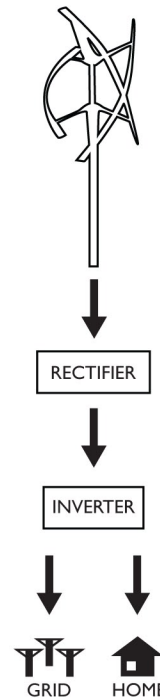
CE Certified _____ European Conformity
 IEC-61400-2 _____ Wind Turbine Safety
 IEC-61400-11 _____ Noise Level Certification
 IEC-61400-12 _____ Power Performance Certification
 ISO-2631 _____ Vibration Level Certification

Electric Generation

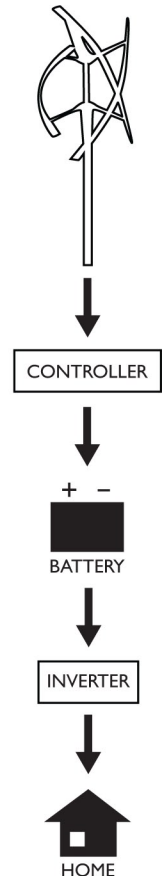
Generator Type _____ Three-Phase Permanent Magnet
 Rated Output
 Off-Grid _____ 24 Vdc or 48 Vdc
 Grid-Tie _____ 600 Vdc

Inverters and Controllers Available for all locations and regulations

Grid-Tie



Battery Backup



BATTERY
BACKUP



ROOF
MOUNTABLE



For more information, visit
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