



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 | 8.8 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

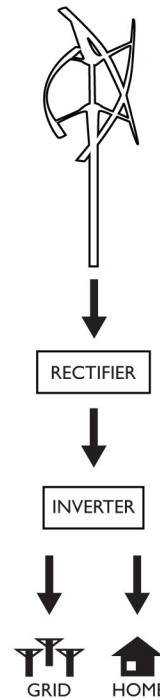
For more information, please contact



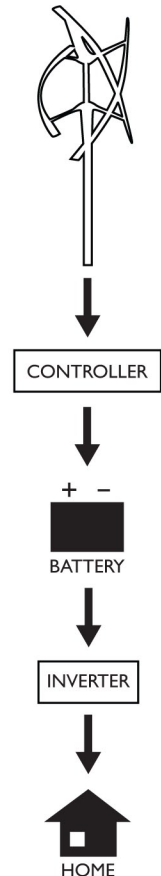
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Grid-Tie



Battery Backup



For more information, visit
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