

UGE-4K

The UGE-4K turbine by Urban Green Energy is here to change the path of small wind.

Quiet, yet powerful, our 4 kW vertical axis turbine is the ultimate achievement in small wind technology, bringing together the patent-pending qualities of our line of turbines into a system powerful enough to offset the majority of a home's energy use. Whether you are eager to send energy to the grid or charge a bank of batteries off the grid, the UGE-4K is an excellent solution for those looking to profit from the untapped energy in the wind.

BATTERY BACK-UP  and **SOLAR READY** configurations make this product the most versatile of its kind.

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



SPECIFICATIONS

General

Axis _____ Vertical
 Height _____ 4.60 m (15.10 ft)
 Width _____ 3.00 m (9.85 ft)
 Weight _____ 461 kg (1016 lb)
 Swept Area _____ 13.8 m² (149 ft²)
 Blade Materials _____ Carbon Fiber and Fiberglass

Performance

Rated Power _____ 4000 W
 Cut-in Wind Speed _____ 3.5 m/s (7.8 mph)
 Cut-out Wind Speed _____ 30 m/s (67 mph)
 Rated RPM _____ 110 RPM
 Survival Wind Speed _____ 55 m/s (123 mph)
 Rated Wind Speed _____ 12 m/s (27 mph)
 Noise Level at 12 m/s _____ 38 dB

Certifications

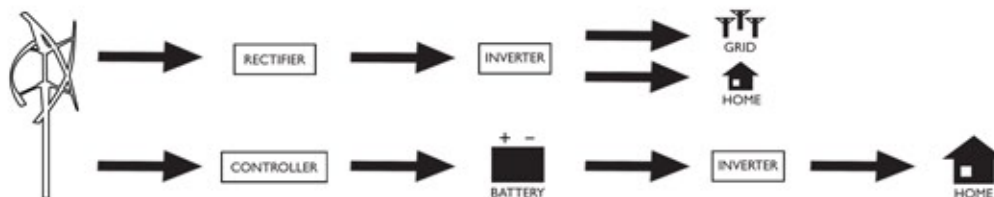
CE Certified _____ European Conformity
 IEC-61400-2 _____ Wind Turbine Safety
 IEC-61400-11 _____ Noise Level Certification
 IEC-61400-12 _____ Power Performance Certification
 ISO-2631 _____ Vibration Level Certification

Electric Generation

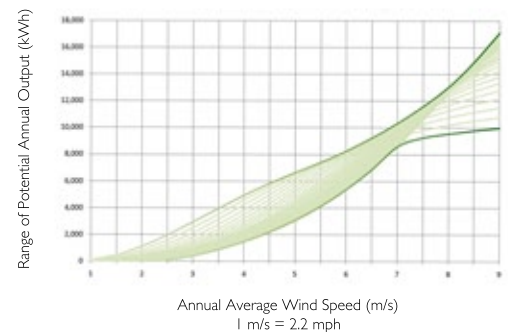
Generator Type _____ Three-Phase Permanent Magnet
 Rated Output
 Off-Grid _____ 48 V DC
 Grid-Tie _____ 600 V DC

Inverters and Controllers available for all locations and regulations

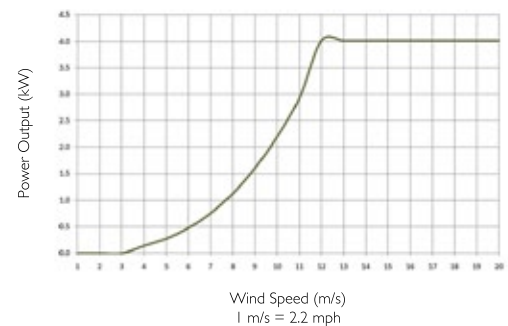
Grid-Tie and Battery Backup configuration



UGE-4K Annual Power Output



UGE-4K Power Curve



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