

Introducing Our Line Of Vertical Axis Turbines From Urban Green Energy!

Three sizes of sustainable products to ensure a sustainable future.



URBAN GREEN ENERGY MODEL COMPARISON CHART

	UGE- 600W	UGE- 1kW	UGE- 4kW
Blade Dimensions	63" tall 49" wide	90" tall 63" wide	165" tall 108" wide
Wind Swept Area (m²)	1.47m ²	1.9125m ²	6.825m ²
Weight	130 lbs.	348 lbs.	440 lbs.
Cut-In Wind Speed	7.8 mph	7 mph	7 mph
Rated Power	640W max.	1.30kW max.	4kW max.
Generator Types	Permanent magnet direct drive	Permanent magnet direct drive	Permanent magnet direct drive
Measured Sound Emissions	32dB within 3m	32dB within 3m	32dB within 3m
Estimated Annual Energy Output*	1,500kWh	2,600kWh	10,100kWh
Turbine Unit	\$ 3,870	\$ 6,480	\$ 18,380
Inverter	\$ 570	\$ 3,280	\$ 4,230
Estimated Installation⁺	\$ 4,200	\$ 5,500	\$ 7,000
30% Tax Credit	- \$ 2,592	- \$ 4,578	- \$ 8,883
TOTAL Installed Price[^]	\$ 6,048	\$ 10,682	\$ 20,727

[^]All prices plus applicable state & local taxes.

UGE's™ Anatomy

- Elegant & durable design features a 3-blade carbon fiber & fiberglass construction
- Can withstand extreme weather temperatures of -40°F to 230°F & wind conditions up to 110mph
- Has received third-party certification for power curves, noise levels, vibration levels, and safety
- One of the first manufacturers to receive IEC certifications for power performance
- Providing solutions for unique applications and projects & can customize a product to meet your requirements
- Manufacturing headquarters include full testing & development capabilities on 25 acres of land & 25,000 ft² of factory space

Urban Green Energy is a world leader in small wind energy, focused on providing high quality, high performance, and attractive products to customers around the world.

Our wind turbines have received third-party certification for their power curves, noise levels, vibration levels, and safety. UGE provides solutions for unique applications and projects and can customize a product to meet your requirements.

Sanya Hybrid Streetlamp

The base design incorporates a 600W UGE vertical axis wind turbine as well as 80W of solar panels to provide enough energy to ensure the street lamps are shining 365 nights a year. Up to five days of energy can be stored in our lamps' battery bank to make certain that all lighting needs are met.



Innovating the world of street lighting with our customizable, 100% renewable energy powered street lamp.



*Estimated Annual Energy Output based on wind speed of 14.3mph annual average. ⁺Every installation is unique to the property & structure. This is an estimated engineered installation; however we perform a complete structural cost analysis prior to each installation.