

WePOWER Your Future With A Falcon™ Vertical Axis Wind Turbine From CGE!



Four sizes of our Falcon Vertical Axis Turbine make them suitable for any application; urban to rural, residential to commercial, industrial to institutional.

WEPOWER™
Your Future



FALCON MODEL COMPARISON CHART

	1.2kW Off-Grid	3.4kW	5.5kW	12kW
Blade Dimensions	6'7" tall 5'10" rotor diameter	11'10" tall 9'10" rotor diameter	15'1" tall 13'1" rotor diameter	20'4" tall 19'8" rotor diameter
Weight	350 lbs.	1,393 lbs.	2,167 lbs.	4,190 lbs.
Cut-In Wind Speed	6 mph	6 mph	6 mph	6 mph
Rated Power	1.2kW	3.4kW	5.5kW	12kW
Generator Types	Permanent magnet direct drive	Permanent magnet direct drive	Permanent magnet direct drive	Permanent magnet direct drive
Measured Sound Emissions	32dB @ 9'	32dB @ 9'	32dB @ 9'	32dB @ 9'
Estimated Annual Energy Output*	2,100kW - 4,200kW	5,950kW - 11,900kW	9,630kW - 19,270kW	21,000kW - 42,000kW
Turbine Unit	\$ 7,900	\$19,900	\$29,500	\$52,500
Inverter	Included	Included	Included	Included
Estimated Installation⁺	\$ 5,300	\$ 7,000	\$ 10,325	\$ 18,375
30% Tax Credit	- \$ 3,960	- \$ 8,070	- \$ 11,947	- \$ 21,262
TOTAL Installed Price[^]	\$ 9,240	\$ 18,830	\$ 27,878	\$ 49,613

FALCON'S™ Anatomy

- Patented airfoil design solves start and stop problems previously seen in vertical axis turbines
- Aesthetically pleasing and stackable for limited spaces
- Environmentally friendly: bird safe, no hazardous fluids
- Extremely quiet: nearly silent and vibration free
- Omni-directional: captures wind from any direction for optimum energy generation
- Electronic overspeed protection with an automatic electromagnetic secondary brake
- Fully equipped for grid connection
- Engineered to last 20+ years
- Virtually maintenance-free: only 4 moving parts
- 5-year Limited Warranty included

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

WePOWER is a leading manufacturer and developer of small wind energy systems globally, specializing in Vertical Axis Wind Turbines.

WePOWER's Wind Turbines operate in both low and high winds, and can be used in urban, suburban and rural environments, delivering clean energy to residential, commercial, industrial and government applications. With few moving parts, WePOWER's patented airfoil design is virtually vibration-, noise-, and maintenance-free, providing best-in-class products and solutions.



- Save money - lower your utility costs!
- Take your slice of Uncle Sam's support!
- Reduce your environmental impact!
- Own your own energy production!
- Run your meter backwards!
- Create a 'green halo'