



**Up to 3000 watts of power from a high performance 3 blade turbine.
Affordable clean electricity, adaptable to your needs.
Reliable and convenient with a long-life design.
Suitable for urban living.**

Specifications

The next generation e400ⁱ is the next level in small wind turbine technology.

The e400ⁱ is compact and unobtrusive making it suitable for urban living, and is also suitable in all wind classes and has a low start-up torque that requires minimal wind to generate electricity.

Modern living demands more applications that require energy usage. Every feature of the e400ⁱ optimises renewable energy generation, increasing energy efficiency and cost saving.

Design

Three aerofoil blades, with a diameter of 4.0m, are managed by a passive pitch control system that allows the e400ⁱ to continuously generate usable energy in wind speeds that exceed rated wind speed.

This e400ⁱ has an advanced direct drive alternator that incorporates 3 main shaft bearings for longer life and increased reliability.

The e400ⁱ has an advanced design that moderates noise emissions effectively, making it an inconspicuous power source in all installations and environments.

Applications

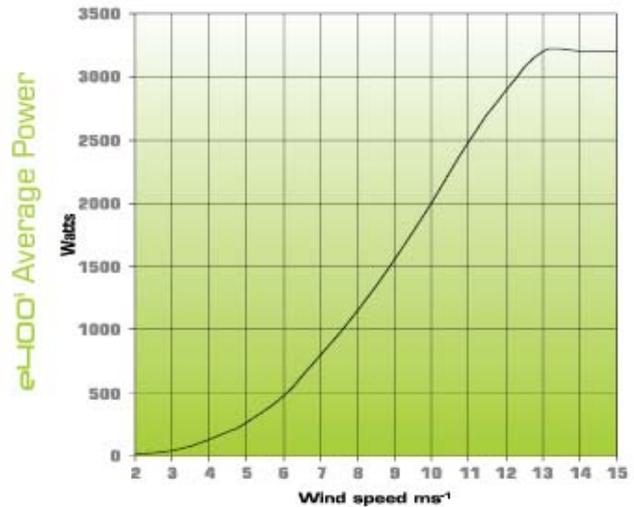
- To boost solar & other renewable energy installations, increasing cost effectiveness.
- Grid tie applications using approved inverters to reduce energy costs.
- Small wind farm installations.
- Generation of dedicated power for housing, community & health centres.
- Water pumping systems.
- Reliable power for repeater stations.

The e400ⁱ conforms to IEC standards and follows the provisions in the directives IEC 61400-2 (small wind turbines)



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Power - Quality - Affordability



Wind Turbine Class	II
Rated Output	3000W
Maximum Power	3300W @ 12m/s
Rated Wind Speed	11m/s
Cut-in wind speed	2.8m/s
Generator type	PM Axial flux brushless
Rotor Diameter	4m
Number of Blades	3
Blade Material	Fibre glass
Tower top mass	150kg
Tower Height	12 - 15m
Tower Type	Tripod
Overspeed Protection	Pitch Control
Controller type	Charge Only
Output Voltages	48, 200, 300VDC