

Design:

The three aerofoil blades are limited by a passive pitch control system that allows the e400i to perpetually generate usable energy whenever the wind blows. Each of the three blades, with a diameter of 3.8m, has a blade laminar modifier that reduces noise emissions, making it an inconspicuous and reliable method of renewable energy generation in all installations and environments. Its advanced single rotor direct drive alternator incorporates three main shaft bearings increasing the stability of the e380i.

Applications:

- Cost saving mechanism, replacing noisy generators for back-up power that rely on fossil fuels
- Boost other renewable energy installations with hybrid generation, making the installations more productive, reliable and cost effective
- Water pumping systems with optional water pump controller to reduce utility costs
- Small wind farm installations
- Resistance heating with micro systems or incubators
- Adaptable to meeting all other electrical needs