



# VisionAIR<sup>5</sup>

Being at the forefront of a cutting-edge industry is not easy.  
Refining a design that is already at the top of its class is not trivial.

The latest innovation in wind technology, VisionAIR<sup>5</sup> manages the perfect balance between strength and elegance, lightness and momentum. Incorporating years of research, VisionAIR<sup>5</sup> is the most fully tested and certified turbine in its class, integrating design which is transforming the distributed energy industry, modernizing it to an unparalleled degree.

Tel: 0800 637 388

[www.renewablesolutions.co.nz](http://www.renewablesolutions.co.nz)



renewable solutions

# SPECIFICATIONS

## General

Axis	Vertical
Height	5.2 m (17.1 ft)
Width	3.2 m (10.5 ft)
Swept Area	16.6 m <sup>2</sup> (179 ft <sup>2</sup> )
Weight	756 kg (1665 lbs)
Blade Materials	Fiberglass

## Performance

Cut-in Wind Speed	3.5 m/s (8 mph)
AWEA Rated Wind Speed	11 m/s (24 mph)
Max Power Wind Speed	14 m/s (31 mph)
Cut-out Wind Speed	20 m/s (44 mph)
Survival Wind Speed	50 m/s (110 mph)
Rated RPM	130 RPM
AWEA Rated Sound Level	38 dB

## Certifications

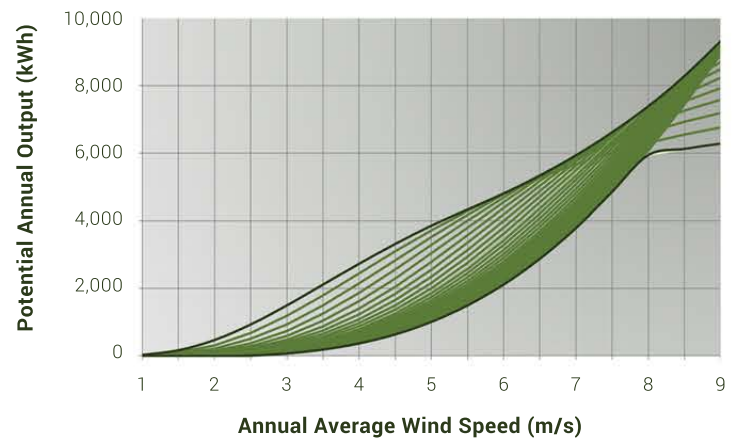
ISO 9001	Manufacturing Quality
IEC 61400-11	Acoustic Noise Measurement
IEC 61400-12	Power Performance Measurement
UL 1004 / CSA C22.2	Generator Electrical Safety
CE	European Conformity

## Electrical Generation

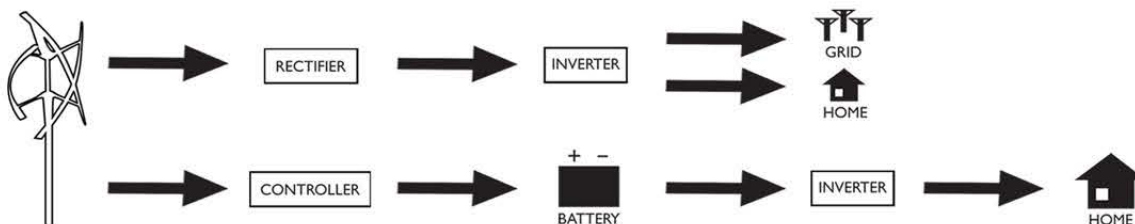
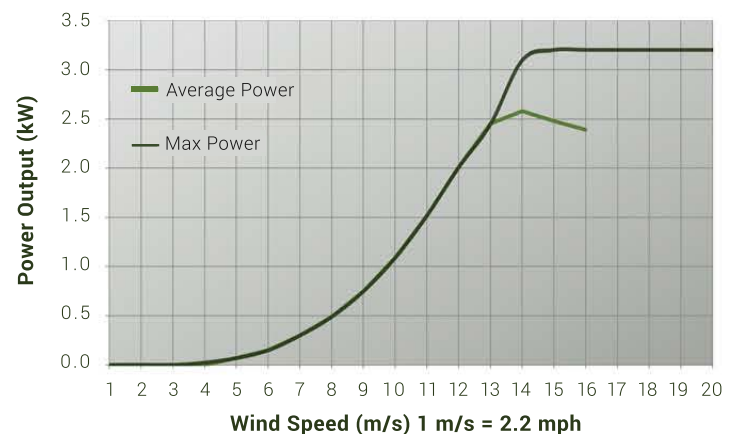
Generator Type	Permanent Magnet Three-Phase
Rated Output	
Off-Grid	270 Vdc
Grid-Tie	530 Vdc

Inverters and Controllers available for all locations and regulations

VisionAIR<sup>5</sup> Annual Power Output



VisionAIR<sup>5</sup> Power Curve



BATTERY BACKUP

Gridie

SOLAR READY