



# 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.

Visit [www.visionairwind.com/visionair-5](http://www.visionairwind.com/visionair-5) to see how VisionAIR<sup>5</sup>'s breakthrough technology will benefit you!

# V-AiR

# SPECIFICATIONS

## General

Axis	Vertical
Height	5.2 m (17.1 ft)
Width	3.2 m (10.6 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	3.2 m/s (4.1 mph)
AWEA Rated Wind Speed	12 m/s (28 mph)
Max Power Wind Speed	15 m/s (33 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	38.73 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
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### Rated Output

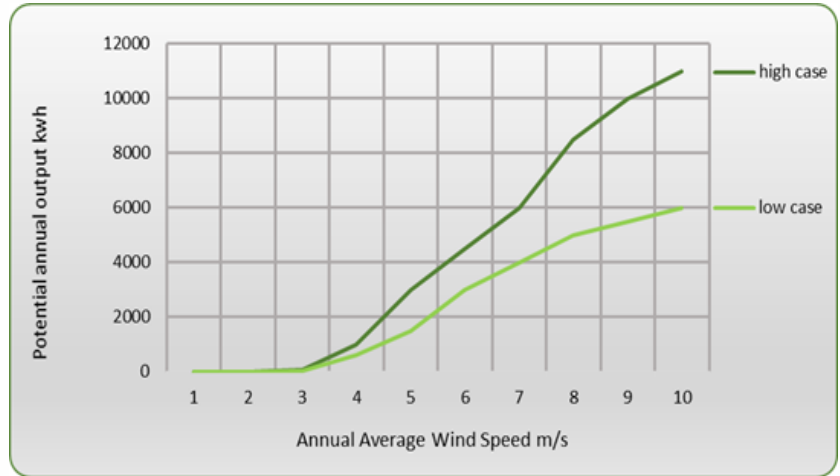
Grid-Tie	350/530 Vdc
Off-Grid	270 Vdc

Rated Power	<b>5 kW</b>
Max Power	<b>6 kW</b>

Inverters and Controllers available for all locations and regulations



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



VisionAIR<sup>5</sup> Power Curve

