

# HoYi!™



## A compact answer to your renewable energy needs!

Good things come in small packages.

Super versatile and durable, VAIR's smallest wind turbine is the perfect solution for off-grid power generation. This unit is ideal for street lights, boats and marine applications, or any location where power needs to be generated on site.

Standing approximately 1 meter tall, and weighing just 40kg, assembly takes less than 30 minutes and setting the tower and foundation for installation is simple and easy.

The HoYi! starts producing energy in extremely low wind speeds and can withstand hurricanes, making it nearly maintenance free for its entire lifetime.

Visit [www.visionairwind.com/hoyi](http://www.visionairwind.com/hoyi) to find out more information!

# V-AiR

# Specifications

## General

	Hoyi 200	new Hoyi 300
Axis	Vertical	
Height	1.2m (4 ft)	1.3m (4.3 ft)
Width	0.8m (2.8 ft)	0.8m (2.8 ft)
Weight	39 kg (88 lb)	41 kg (90 lb)
Swept Area	0.84m <sup>2</sup> (9.0 ft <sup>2</sup> )	0.91m <sup>2</sup> (9.8 ft <sup>2</sup> )
Blade Materials	Fiberglass	Fiberglass

## Performance

Rated Power	200 W	300 W
Cut-in Wind Speed	2 m/s (5.6 mph)	1.5 m/s (4.2 mph)
Cut-out Wind Speed	30 m/s (66 mph)	30 m/s (66 mph)
Rated RPM	200 RPM	300 RPM
Survival Wind Speed	50 m/s (110 mph)	50 m/s (110 mph)
Rated Wind Speed	12m/s (26 mph)	12m/s (26 mph)
Noise Level at 12m/s	40 dB	40 dB

## Electric Generation

Generator Type	PMG	PMG
Rated Output		
Off-Grid	200W	300W

## Hoyi Power Curve



## Battery Backup System



CONTROLLER



BATTERY

INVERTER



HOME



ROOF MOUNTABLE

**SOLAR READY**