



*AEOLOS*

AEOLOS WIND TURBINE LLC  
[www.windturbinestar.com](http://www.windturbinestar.com)

# ***AEOLOS HORIZONTAL AXIS WIND TURBINE - 500W***





**AEOLOS**

## **AEOLOS - H 500W**

### **TURBINE**

Rated power	500 w
Start wind speed	2.5 m/s
Cut-in wind speed	3.0 m/s (6.7 mph)
Cut-out wind speed	24.0 m/s (53.7 mph)
Survival wind speed	45.0 m/s (100.7 mph)
Design lifetime	30 years
Overall weight	28 kg (61.7 lbs) including generator and blades

### **ROTOR**

Rotor diameter	2.7 m (8.9 ft)
Rotor speed	500 rpm
Blade material	Glass fiber

### **GENERATOR**

Frequency	50 Hz or 60 Hz
Voltage	110 V - 240V
Type	Permanent magnetic generator
Generator efficiency	>0.85

### **CONTROL & SAFTY SYSTEM**

Main brake system	Automatic protection brake system
Secondary safety system	Hand brake system

### **TOWERS**

Free standing tower	6.0 m
Guyed tower	6.0 m

### **WARRANTY**

Standard warranty	5 years
Extended warranty	10 years



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## Wind Turbine Price:

	Wind Turbine	Guyed Tower	Total Price
Aeolos-H 500w	USD 858.00	USD 142.00(6m)	USD 1000.00

\* dealer price or wholesale price, please contact [dealer@windturbinestar.com](mailto:dealer@windturbinestar.com)

## Why Choose AEOLOS?



### \* **Best Quality:**

More than 23 years experience. Use the best bearing, shaft, blade and materials.



### \* **Competitive Price:**

Patent generator and global supply chain ensure the competitive price. 30% lower than other manufacturers.

### \* **More Efficient:**

Light weight design and 85% generator efficiency reduce you payback time about 20%.



### \* **Warranty & Support:**

5 years standard warranty and 7X24 online technical supports. The design lifetime is 30 years.