



*AEOLOS*

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

# ***AEOLOS HORIZONTAL AXIS WIND TURBINE - 2KW***





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## AEOLOS - H **2KW**

### TURBINE

|                     |  |
|---------------------|--|
| Rated power         | 2 kw   |
| Start wind speed    | 2.5 m/s  |
| Cut-in wind speed   | 3.0 m/s (6.7 mph)                                |
| Cut-out wind speed  | 25 m/s (55.9 mph)                                |
| Survival wind speed | 45 m/s (100.7 mph)                               |
| Design lifetime     | 30 years   |
| Overall weight      | 85 kg (187.4 lbs) including generator and blades |

### ROTOR

|                |                 |
|----------------|-----------------|
| Rotor diameter | 3.6 m (11.8 ft) |
| Rotor speed    | 250 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 | 12 m |
| Guyed tower         | 12 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 2000w | USD 2543.00  | USD 757.00(12m) | USD 3300.00 |

\* 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.

