



*AEOLOS*

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

# ***AEOLOS HORIZONTAL AXIS WIND TURBINE - 20KW***





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## AEOLOS - H **20KW**

### TURBINE

Rated power	20 kw
Start wind speed	3.0 m/s
Cut-in wind speed	3.5 m/s (7.8 mph)
Cut-out wind speed	25 m/s (55.9 mph)
Survival wind speed	52 m/s (116.3 mph)
Design lifetime	30 years
Overall weight	605 kg (1334 lbs) including generator and blades

### ROTOR

Rotor diameter	9.0 m (29.5 ft)
Rotor speed	160 rpm
Blade material	Glass fiber

### GENERATOR

Frequency	50 Hz or 60 Hz
Voltage	110 V - 380 V
Type	Three phase 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	24 m
Guyed tower	24 m

### WARRANTY

Standard warranty	5 years
extended warranty	10 years



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## Wind Turbine Price:

	Wind Turbine	Monopole Tower	Total Price
Aeolos-H 20kw	USD 26200.00	USD 9600.00(18m)	USD 35800.00
	USD 26200.00	USD 13200.00(24m)	USD 39400.00

\* 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.

