



***Aeolos - H 1kW***



***Aeolos wind turbine  
SINCE 1986***

[windturbinestar.com](http://windturbinestar.com)



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#### TURBINE

Rated power	1000W
Max power	1200W
Start wind speed	2.0 m/s (4.5 mph)
Cut-in wind speed	2.5 m/s (5.6 mph)
Rated wind speed	12 m/s (26.8 mph)
Survival wind speed	50 m/s (111.8 mph)
Design lifetime	20 years
Overall weight	27 kg (59.5 lbs) including generator and blades
Environment	-40°C~+60°C

#### ROTOR

Rotor diameter	1.96 m (6.4 ft)
Swept area	3 m <sup>2</sup> (32.3 ft <sup>2</sup> )
Rotor speed	750 rpm
Blade material	Nylon fiberglass reinforced composite
Number of Blades	5

#### GENERATOR

Voltage	24Vdc/48Vdc/110Vdc
Type	Three Phase Permanent magnetic generator
Generator efficiency	>0.85

#### CONTROL & SAFETY SYSTEM

RPM Limitation	Stall
Secondary safety system	Electronic brake system

#### TOWERS

Guyed tower, Tilt-up tower, Rooftop mounting tower

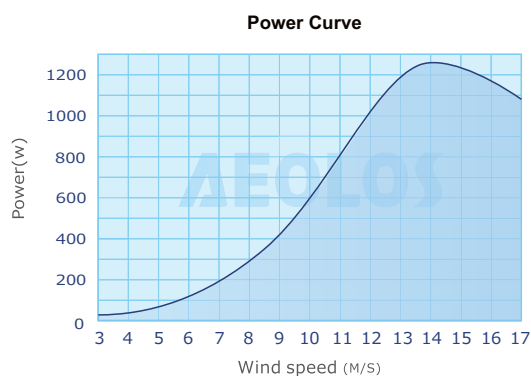
#### CERTIFICATE

CE, RoHS, ETL, ISO 9001:2008, ISO 14001

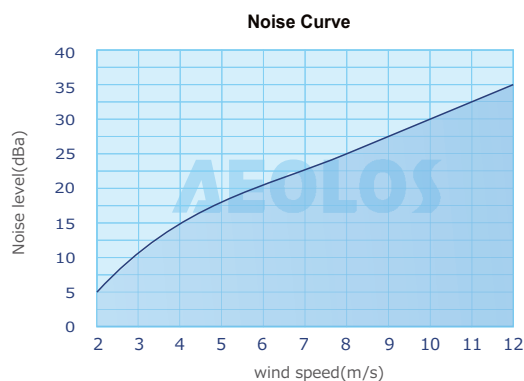
#### WARRANTY

Standard warranty	5 years
extended warranty	10 years

Wind Speed/ Power Curve



Wind Speed/ Noise Level



**5 YEAR WARRANTY**



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