



Aeolos-H 2KW



***Aeolos wind turbine
SINCE 1986***



Aeolos-H 2KW

windturbinestar.com



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	125 kg (275.5 lbs) including generator and blades

ROTOR

Rotor diameter	4.0 m (13.1 ft)
Rotor speed	250 rpm
Blade material	Glass fiber

GENERATOR

Frequency	50 Hz or 60 Hz
Voltage	220V-240V
Type	Three Phase Permanent magnetic generator
Generator efficiency	>0.96

CONTROL & SAFETY SYSTEM

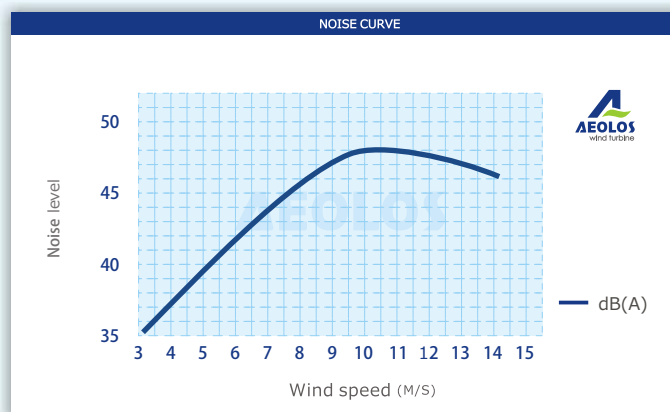
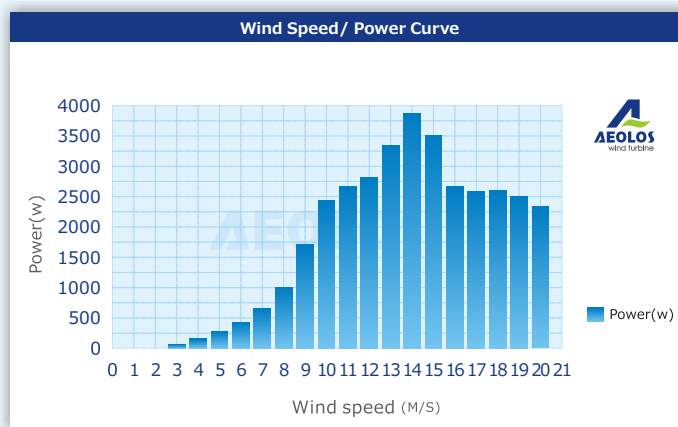
Main brake system	Automatic protection brake system
Secondary safety system	Electronic brake system

TOWERS

Free standing tower	9 m
Guyed tower	12 m

WARRANTY

Standard warranty	5 years
extended warranty	10 years



Aeolos-H 2kW Wind Turbine Output								
Wind Speed(m/s)	3	4	5	6	7	8	9	10
Generator Power(w)	20	60	212	400	620	1000	1682	2400
Annual Energy Output(kWh)	175	526	1857	3504	5431	8760	14734	21024

5 YEAR WARRANTY



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