



Aeolos-H 500W



*Aeolos wind turbine
SINCE 1986*



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windturbinestar.com

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TURBINE

Rated power 500 W
 Start wind speed 2.0 m/s
 Cut-in wind speed 2.2 m/s (4.9 mph)
 Cut-out wind speed 18 m/s (40.3 mph)
 Survival wind speed 55 m/s (123 mph)
 Design lifetime 25 years
 Overall weight 27 kg (59.5 lbs) including generator and blades

ROTOR

Rotor diameter 2.7 m (8.86 ft)
 Swept area 5.7 m² (61.6 ft²)
 Rotor speed 470 rpm
 Blade material PA 66

GENERATOR

Frequency 50 Hz or 60 Hz (System Output)
 Voltage 24 VDC
 Type Three Phase Permanent magnetic generator
 Generator efficiency >0.85

CONTROL & SAFETY SYSTEM

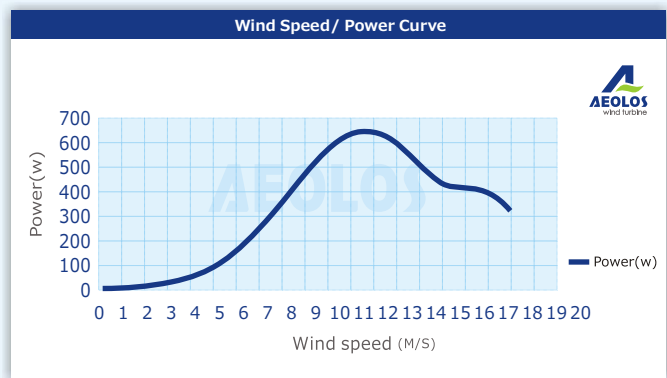
Safety system Electronic brake system

TOWERS

Free standing tower 9 m

WARRANTY

Standard warranty 5 years
 extended warranty 10 years



Aeolos-H 500W Wind Turbine Output								
Wind Speed(m/s)	3	4	5	6	7	8	9	10
Generator Power(w)	17	40	85	155	248	365	480	580
Annual Energy Output(kWh)	223	631	1266	2172	3259	4476	5466	6097

5 YEAR WARRANTY



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