



## ***Aeolos-H 300W***



***Aeolos wind turbine  
SINCE 1986***



**Aeolos-H 300W**  
windturbinestar.com

**Aeolos wind turbine**  
**SINCE 1986**



**TURBINE**

Rated power 300 W  
 Start wind speed 1.5 m/s  
 Cut-in wind speed 1.8 m/s (4 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 18.7 kg (41.2 lbs) including generator and blades

**ROTOR**

Rotor diameter 1.7 m (5.6 ft)  
 Swept area 2.3 m<sup>2</sup> (24.4 ft<sup>2</sup>)  
 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**

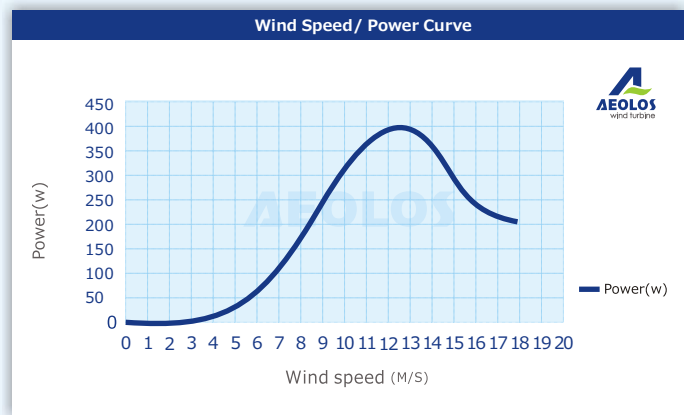
Safety system Electronic brake system

**TOWERS**

Free standing tower 9 m

**WARRANTY**

Standard warranty 5 years  
 extended warranty 10 years



Aeolos-H 300W Wind Turbine Output								
Wind Speed(m/s)	3	4	5	6	7	8	9	10
Generator Power(w)	7.5	20	37	65	110	170	250	320
Annual Energy Output(kwh)	131	315	551	911	1445	2085	2847	3364

**5 YEAR WARRANTY**



**Aeolos Wind Energy,Ltd (UK)**

27 Old Gloucester Street, London WC1N 3AX  
 United Kingdom  
 Tel: +44 208 242 1884  
 E-mail: sales@windturbinestar.com

