



**AEOLOS**  
wind turbin

**Aeolos-H 5kW**  
Windturbinestar.com



**Turbine**

Rated power 5kW  
 Max power 6.5kW  
 Start up wind speed 2.5m/s  
 Rated wind speed 11m/s  
 Survival wind speed 59.5m/s  
 Design lifetime 20 years  
 Overall weight 400 kg

**Rotor**

Rotor diameter 5.6 m  
 Swept area 24.6 m<sup>2</sup>  
 Rotor speed 240 RPM  
 Blade material Glass Fiber

**Generator**

Drive type Direct Drive (without gearbox)  
 Generator type Three phase PMG  
 Generator voltage 96Vdc/48Vdc (Grid off)  
 400Vdc (Grid on)  
 Efficiency 95%

**Controller**

Control system SCM controller  
 Remote monitoring Optional

**Safety**

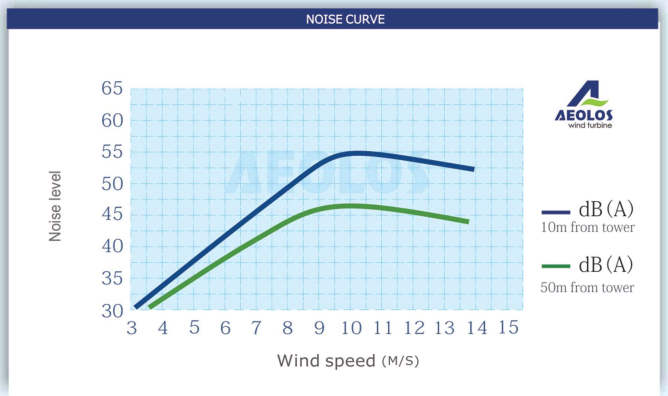
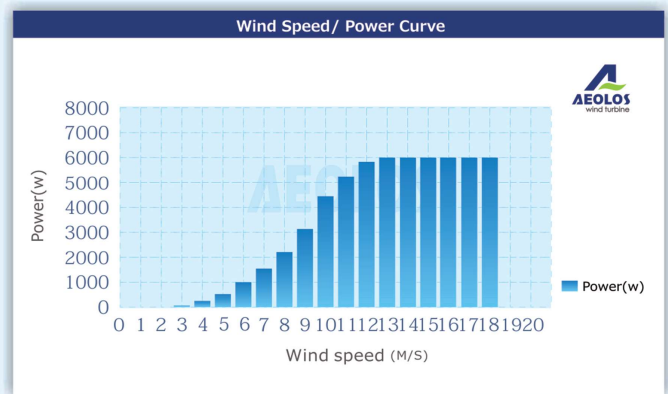
Main brake system Pitch control & Electrical control  
 Secondary brake system Mechanical brake

**Tower**

Monopole tower 9m 12m 18m  
 Hydraulic tower 9m 12m 18m

**Warranty**

Standard warranty 5 years



Aeolos H-5kW Wind turbine output										
Wind speed(m/s)	3	4	5	6	7	8	9	10	11	12
Out put power(W)	150	260	500	800	1300	2000	3000	4000	5000	6000
Annual energy output(kWh)	2188	4850	8866	13750	18828	23602	27782	31210	33818	35611

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

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

**D&S New Technologies**

Njesia Bashkiake nr 7, Rruga Sali Butka,  
 Pallatet Zaimaj, hyrja 2.Kati 2.Tirane Albania  
 Contact point: Dhurim lame  
 Tel:+00355688044333

**5 YEAR WARRANTY**

