



Aeolos-H IKW



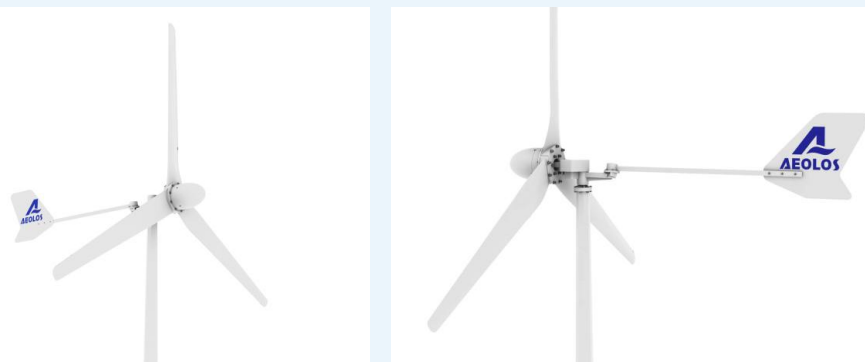
***Aeolos wind turbine
SINCE 1986***

windturbinestar.com



Aeolos-H 1kW

windturbinestar.com



TURBINE

Rated power 1 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 60kg (132.3 lbs) including generator and blades

ROTOR

Rotor diameter 3.2 m (10.5 ft)
 Rotor speed 350 rpm
 Blade material Glass fiber

GENERATOR

Frequency 50 Hz or 60 Hz
 Voltage 48V
 Type Three phase permanent magnetic generator
 Generator efficiency > 0.96

CONTROL & SAFETY SYSTEM

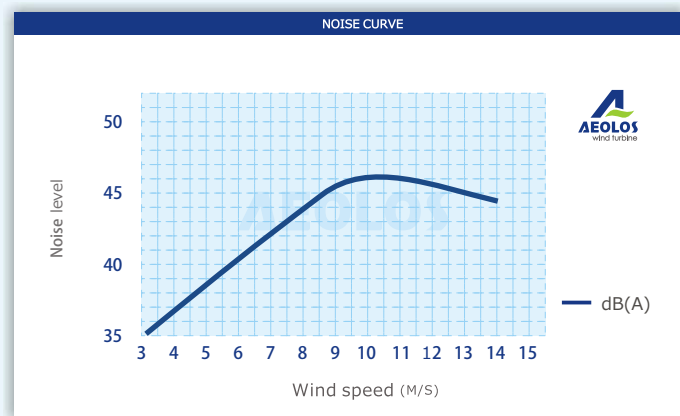
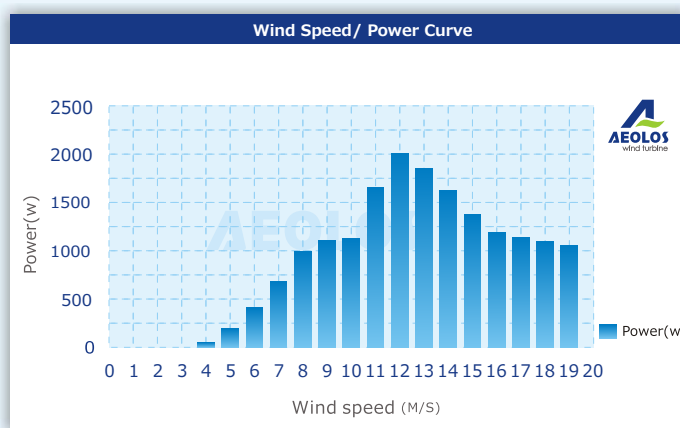
Main brake system Automatic protection brake system
 Secondary safety system Electronic brake system

TOWERS

Free standing tower 9 m
 Guyed tower 9 m

WARRANTY

Standard warranty 5 years
 extended warranty 10 years



Aeolos-H 1kW Wind Turbine Output								
Wind Speed(m/s)	3	4	5	6	7	8	9	10
Generator Power(w)	14	40	172	400	670	1000	1070	1200
Annual Energy Output(kWh)	123	350	1507	3504	5869	8760	9373	10512

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

