



Aeolos - H 3KW



***Aeolos wind turbine
SINCE 1986***



Aeolos - H 3KW

windturbinestar.com



TURBINE

Rated power	3 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	20 years
Overall weight	138 kg (304.2 lbs) including generator and blades

ROTOR

Rotor diameter	5.0 m (16.4 ft)
Rotor speed	280 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	Lateral deflection of the wind turbine wheel
Secondary safety system	Electronic brake system

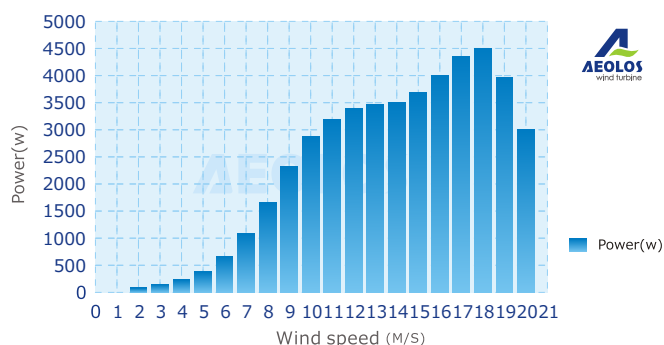
TOWERS

Free standing tower	9 m
Guyed tower	12 m

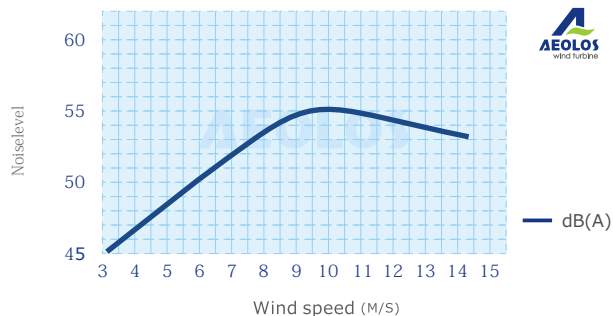
WARRANTY

Standard warranty	5 years
extended warranty	10 years

Wind Speed/ Power Curve



NOISE CURVE



Aeolos-H 3kW Wind Turbine Output

Wind Speed(m/s)	3	4	5	6	7	8	9	10
Generator Power(w)	110	210	400	720	1100	1650	2300	2900
Annual Energy Output(kwh)	964	1840	3504	6307	9636	14454	20148	25404

5 YEAR WARRANTY

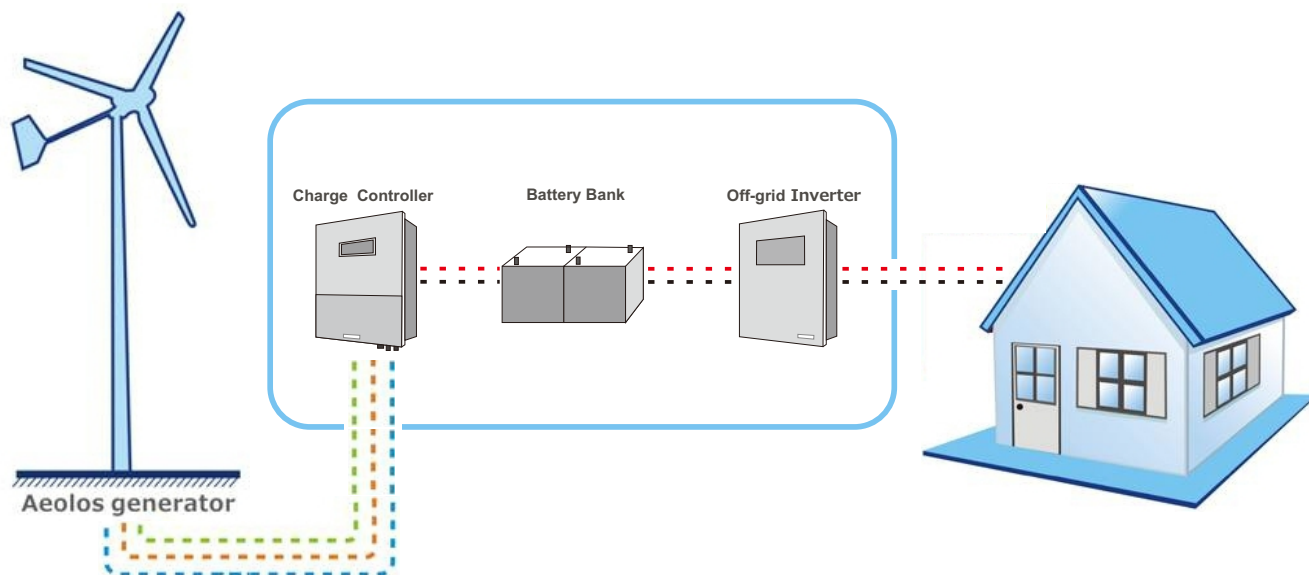


Aeolos Wind Energy, Ltd (UK)

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



Grid off system Wire Diagram



Grid on system Wire Diagram

