



Aeolos-H 20KW



***Aeolos wind turbine
SINCE 1986***

windturbinestar.com



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TURBINE

Rated power 20 kw
 Start wind speed 3 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 420kg (925.9 lbs)

ROTOR

Rotor diameter 10m (32.8 ft)
 Rotor speed 120 rpm
 Blade material Glass fiber

GENERATOR

Frequency 50 Hz or 60 Hz
 Voltage 220V-380V
 Type Three Phase Permanent magnetic generator
 Generator efficiency >0.85

CONTROL & SAFETY SYSTEM

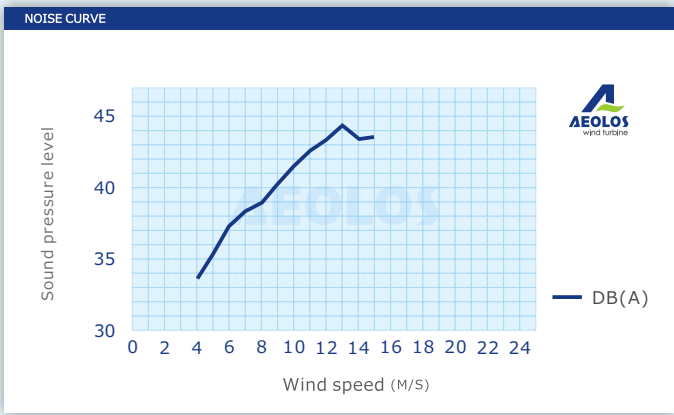
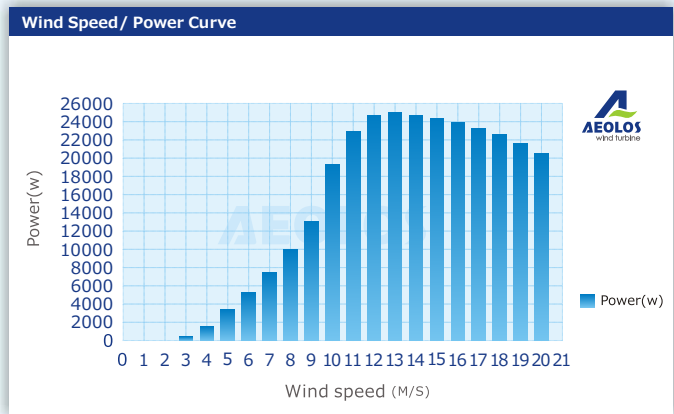
Main brake system Automatic protection brake system
 Secondary safety system Electronic brake system

TOWERS

Free standing tower 18 m
 Guyed tower 18 m

WARRANTY

Standard warranty 5 years
 extended warranty 10 years



Aeolos-H 20kW Wind Turbine Output								
Wind Speed(m/s)	3	4	5	6	7	8	9	10
Generator Power(w)	616	2202	3500	5098	7200	10210	13640	19800
Annual Energy Output(kwh)	5395	19288	30660	44659	63072	89440	119494	173448

5 YEAR WARRANTY

