



## WIPO WINDCORE HOME WIND TURBINES



### Technical Data

POWER	
Rated Power	1.2 kW
Rated Wind Speed	12.5 m/s
Cut-in Wind Speed	3.0 m/s
Reference Energy Yield	around 2000 kWh per year (at annual average speed of 5 m/s)
ROTOR	
Diameter	1.5 m
Swept Area	1.092 m <sup>2</sup>
Rotor Speed	500 RPM
GENERATOR	
Type	synchronous permanent Magnet
Grid Connection	via converter
Voltage	150 VAC
OTHERS	
System Management	data communication, remote monitoring
Acoustic Emission	35db (night), 50db (day)
Weight	80 kg
System Life	25 years

