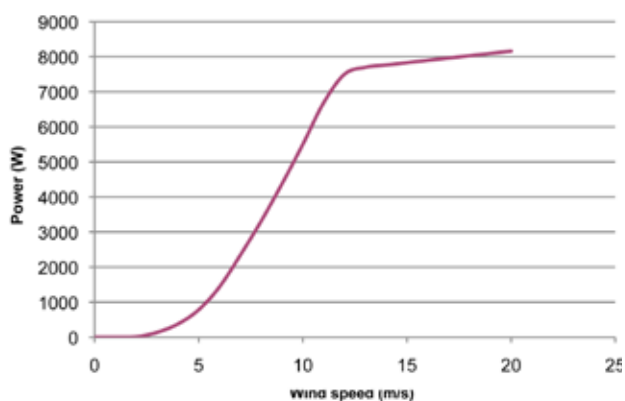


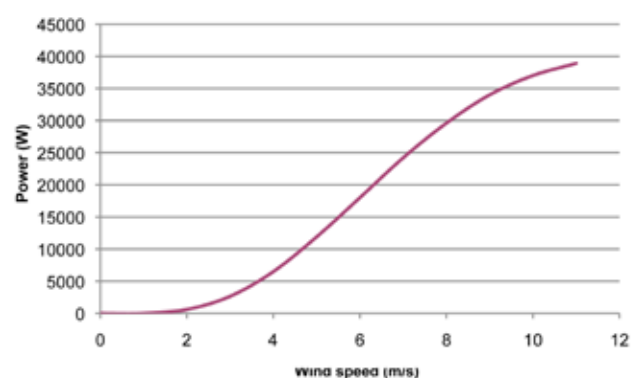
## Technical sheet



POWER CURVE



ANNUAL PRODUCTION



## Technical specifications

POWER	7.5 KW @ 200 rpm
ROTOR DIAMETER	5.9 m
CUT IN SPEED	3 m/s
RATED SPEED	11 m/s
WEIGHT	350 kg
TOTAL LENGTH	3.5 m
STIMATED ANNUAL PRODUCTION	1900-24200 Kwh
CO2 SAVED	7730-15700 kg
TYPE	Up-wind horizontal rotor
GENERATOR	Synchronous, permanent magnets; 3 phases; 24-48-110-220 V at 50/60 Hz
YAW CONTROL	Passive system: Tail
POWER CONTROL	Passive Centrifugal Variable Pitch System with Shock Absorber (Patented design)
TRANSMISSION	Direct
BRAKE	Electric
CONTROLLER	On-grid or off-grid connection option
BLADES	Polyester resin reinforced with Fiber glass
INVERTER	Efficiency $\approx$ 95% ; Algorithm MPPT
NOISE	45 dB(A) from 60 m with a wind speed of 8 m/s (standard BWEA)
ANTICORROSION PROTECTION	Sealed design + hot galvanized + UV resistant paint
TOWER	12, 15 y 18 m; hydraulic lay down system
DESIGN	According to IEC61400-2

