

WIND TURBINE GENRATOR

Skywing400

Skywing600

Skywing1000



CHARACTERISTICS:

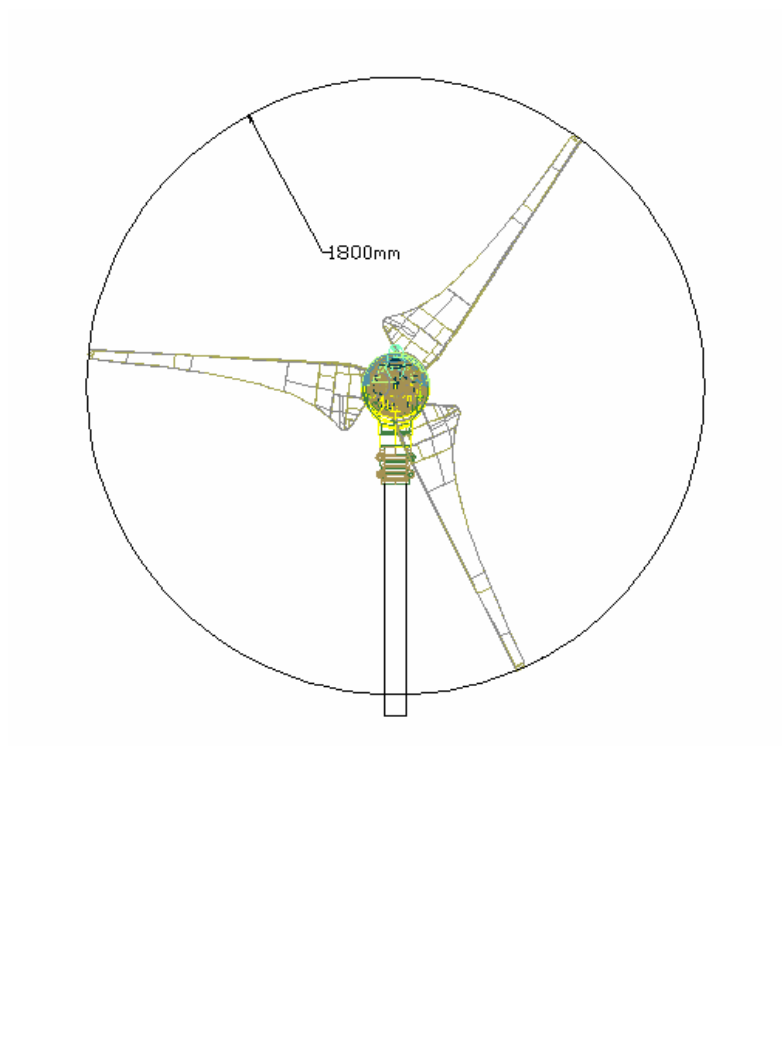
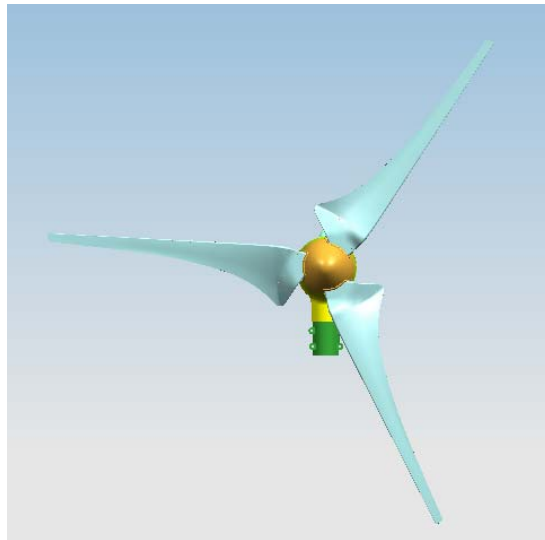
1. Blades: Carbon fiber, high quality tooling and light in weight.
2. Shell: aluminium alloy, good heat dispersion and light in weight.
3. Shakeproof: special design keeps steady working environment.
4. Installation for generator: clamp-on design, easy to install and more reliably.
5. Installation for blades: three pieces of blades share only one bolt, easy to install .

PARAMETER:

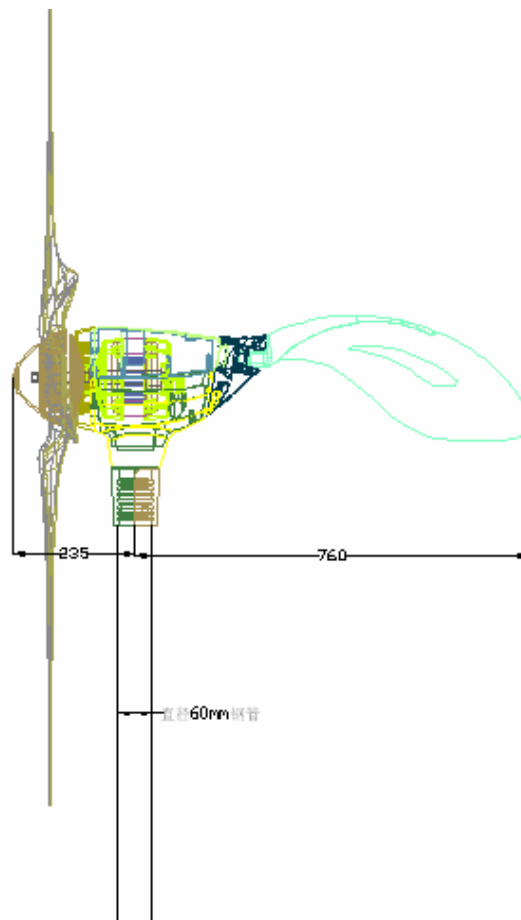
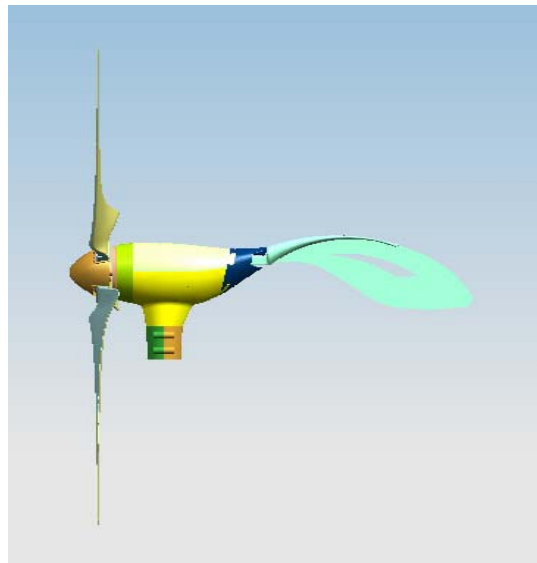
	Skywing-400W	Skywing-600W	Skywing-1000W
Rated power (W):	400	600	1000
Rated voltage (DCV):	24	24	24/48
Rated current (DCA):	16	25	41/20
Rotor diameter (m):	1.5	1.5	1.8
Material of blades:	Composited carbon fiber	Composited carbon fiber	Composited carbon fiber
Rotate direction (check downwind):	clockwise	clockwise	clockwise
Start-up wind speed (m/s) :	2.5	2.5	2.5
Rated wind speed (m/s) :	13	13	13
Security wind speed (m/s) :	45	45	45
Weight of generator (kgs):	14.5	16.5	18
Weight of blades (per/pcs):	0.35	0.35	0.5
Type of the generator:	Permanent magnet-synchronous generator	Permanent magnet-synchronous generator	Permanent magnet-synchronous generator
Quantity of blades:	3	3	3
Windward mode:	Up-wind	Up-wind	Up-wind

OUTLOOK:

Front view:



Side view:



Controller



- Intelligently and modularized design, simple structure, powerful function, stable performance.
- PWM charging with voltage limiting and current limiting, users can set the stop rotation speed of fan precisely.
- Optional step-up charging module, the module's input impedance and the beginning charge voltage can be adjusted to suit the fixed feature of the different wind turbine.
- Two DC output, each DC output has seven selective modes of controlling load output : (1)constant on, (2)constant close, (3)constant half-power, (4)light-control on and light-control off, (5)light control on and time control off, (6)light-control on, time-control half-power and light-control off, (7)light-control on, time-control half-power and time control off.
- Optional RS232, RS485 interface output
- TVS lightning protection
- Over-charging, over-discharge, short circuit by electronic device, overload protection and a unique anti-reverse protection
- Using the LCD professionally designed for wind/solar hybrid street light.The LCD can displays all system status and system parameters with intuitive digital and graph.
- Perfect protection function.

Package

