

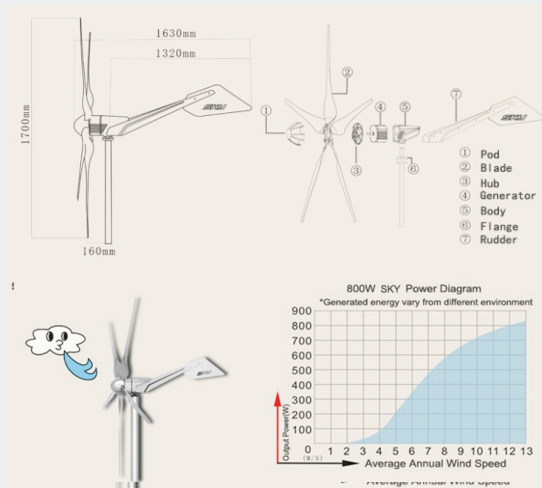
SKY Series 800W Small Wind turbine Characteristics:

1. SKF Sweden original import bearing, low temperature resistant of -40 degrees, adapt to the alpine areas, longer service life. Using primary aluminum, free of impurities, higher hardness.
2. The machine adopts the Taiwan Dongming 304 stainless steel screws, brand, quality assurance, no rust and fracture, enhance its durability and life expectancy
3. The unique patented design of hub, with inserted connection, make sure the blades and hub match perfectly, also it is widely use to avoid the the blades fly away, effectively ensure the safety.
4. The blades is made of strong and durable nylon fiber and glass fiber, low temperature resistant down to -40 degree, facial hydrating UV cream, aging resistance, longer life. High fracture strength, it is safe for people.
5. The wind turbine use the built-in design, there is no screws outside, this design not only meet the industrial requirement, but also more beautiful. And the Yaw shaft is inside the body, make connecting area of the yaw and the host machine body larger, which make the machine more safe.
6. Longer tail design, which make the wind turbine more easy to catch the wind, the efficiency of generate power will become higher. Using the high-quality aerospace industry level color galvanizing technology, anti-aging design, longer working life, more suitable for highway confronting sulfur, nitrogen, carbon, also for mountain with heavy water, heavy sea salt mist, heavy fog area.
7. There is Inserted design at the shaft, double protection, prevent the wheels fly off, hurting others safety.

SKY Wind Turbine Generator Product Picture



SKY 800W Wind Turbine structure diagram



SKY 800W Wind Turbine Technical Specifications

Rated output power	800W
Maximum outpower	950W
Start-up wind speed	1.5M/S
Cut-in wind speed	2.0M/S
Rated voltage	48V
Rated RPM	650
Rated wind speed	12M/S
Rated current	25A
Rotor diameter	1.8M
Body	Cast aluminum
Blades	5 PC Nylon Fiber
Overspeed Protection	The controller of Electromagnetic braking magnetic damping and blades stall
Working temperature	-40°C~120°C
Survival Wind Speed	35m/s
Type of generator	Brushless three phase permanent magnet generator
Connection	Flange connection
Controller	PWM/MPPT controller
Certificate	ISO9001:2008 CE RoHS
Warranty	3 year limited warranty