

20KW WIND TURBINE GENERATOR 【H9.0—20000W】



Features

● Generator

- Patented "in-the-hub" technology
- High generating efficiency
- Direct drive
- Low starting torque, Low noise and heat, Low maintenance

● Wind turbine

- Small and lightweight
- Low-wind start, low rated wind speed, quick output in low wind
- Quiet-stable running
- It's slip ring yaw shaft means no cable twisting

● Charge Controller, Inverter, Discharger

- Off Grid components adopt the integrated design which includes Wind-Solar Hybrid Control System, Inverter, Charger and Unloading System (Without special parts and fixation, the controller for 20000W could be connected to the solar panel within 7000W to be a wind-solar hybrid system.)
- Grid Tied components include Inverter, PC Software and Discharger
- Protection for Over-charging, Over-discharging, Over-loading and Short circuit, also supply a diversion load
- Reliability with speed restriction
- An LCD display is included for monitoring all system information and auto control protection from overcharging, over discharging, short circuit and overheating.

● System

- It owns several patented technologies and uses some special materials.
- Modularization-design: easy to install and low maintenance
- CE approved, UL&CSA in progress

Specifications

Rated Output	20,000 Watt
Maximum Output	30,000 Watt
Charge Voltage	DC 300V
Output Voltage	AC 110V, 120V, 220V, 230V, 240V
Blade Material	Glass Fiber Reinforced Plastic
Blade Diameter	9m (29.5 ft.)
Start up Wind Speed	3m/s (6.7 mph)
Rated Wind Speed	10m/s (22 mph)
Rated rotating Speed	120 (r/min)
Speed regulation	Intelligent control
Brake mode	Electronic protection+Manual shut-down
Noise	34 db(A) @ 5m/s wind
Generator Weight	310kg (682 lbs.)
Turbine weight(above tower)	1500kg (3300 lbs.)
Standard Tower Height	18m (59.1 ft)

Power, Voltage, Current

