

500W WIND TURBINE GENERATOR 【H2.7—500W】



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 500W could be connected to the solar panel within 200W 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

Specification

Rated Output	500 Watt
Maximum Output	1,000 Watt
Charge Voltage	DC 24V
Output Voltage	AC 110V, 120V, 220V, 230V, 240V
Blade Material	Glass Fiber Reinforced Plastic
Blade Diameter	2.7m (8.9 ft.)
Start up Wind Speed	2.5m/s (5.7 mph)
Rated Wind Speed	7m/s (15.7 mph)
Rated rotating Speed	600 (r/min)
Speed regulation	Yawing
Brake mode	Mechanical protection+Manual shut-down
Noise	29 db(A) @ 5m/s wind
Generator Weight	6.5kg (15 lbs.)
Turbine weight(above tower)	45kg (99 lbs.)
Standard Tower Height	6m (19.7 ft)

Power, Voltage, Current

