



## 3kW Wind Power Generators

The principle of wind power generation: make use of the wind power to drive the windmill blade to rotate, and then use the speed-increasing gear to increase the rotation speed and promote the generator to perform power generation.

Model	<b>HS-3kW-Z</b>
Blade diameter	4.5m
Number of blades	3
Blade material	FRP (composite material)
Rated wind speed	10m/s
Start wind speed	3.0m/s
Working wind speed	3.0-25m/s
Security wind speed	40m/s
Rated output power	3kW
Max. output power	4.5kW
Rated speed	260r/min
Type of generator	Permanent-magnets- 3 phase A.C.
Speed regulation	Microcomputer intelligence controller
Output voltage	DC240V / AC220V
Tower type	Pull wire tubular tower
Normal tower height	8m
Weight of top section (Without tower)	120kg
Suggest battery (Off-grid system)	12V 200AH 10 pieces (2000Ah)

