



1kW 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	HS-1kW-Z
Blade diameter	3.2m
Number of blades	3
Blade material	FRP (composite material)
Rated wind speed	8m/s
Start wind speed	3.0m/s
Working wind speed	3.0-25m/s
Security wind speed	40m/s
Rated output power	1kW
Max. output power	1.5kW
Rated speed	360r/min
Type of generator	Permanent-magnets- 3 phase A.C.
Speed regulation	Microcomputer intelligence controller
Output voltage	DC48V / AC220V
Tower type	Pull wire tubular tower
Normal tower height	6m
Weight of top section (Without tower)	45kg
Suggest battery (Off-grid system)	12V 200AH 3 pieces (600Ah)

