



50kW 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-50kW-Z
Blade diameter	18m
Number of blades	3
Blade material	Fiber glass
Rated wind speed	12m/s
Start wind speed	3.5m/s
Working wind speed	3.5-20m/s
Security wind speed	40m/s
Rated output power	50kW
Max. output power	55kW
Rated speed	120r/min
Type of generator	Permanent-magnets- 3 phase A.C.
Speed regulation	Microcomputer intelligence controller
Output voltage	DC360V / AC220V or 380V
Tower type	Cone tower
Normal tower height	18m
Weight of top section (Without tower)	2050kg
Suggest battery (Off-grid system)	12V 200AH 120 pieces (24000Ah)

