

10 KW Vertical VAWT Turbine Specification



75 Front Street East #302
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Function	Power produced by wind power	Power produced by wind power/solar energy	Stand-by power	Emergency power	
Feature	The controller and the inverter UfY self-protected				
	Brake type available	Electrical flywheel or handle brake			
	Self-unloading protection (workable both for the independent grid system and in-grid system)				
	Gearless permanent magnetic turbine				
Technical specification	VAWT	Start-up wind speed :	3m/s		
		Working speed:	4-25 m/s		
		Rated wind speed	11 m/s		
		Max. wind speed:	45 m/s		
	wheel	Diameter	5200mm		
		Height	5200mm		
		No. of blades	5		
		Height of the pole	11' 11" 5'm		
	Controller System schematic turbine	Out-put voltage	220V / 208 V – 3 phase/120 V – 1 Phase		
		Voltage of the bus-bar of the controller	216VDC		
Out-put voltage of the inverter		Independent 220VAC(380V3AC)	In-grid 380V3dAC		
Frequency		50Hz(60Hz)			
Usage	Exec Home	Can be the regular power supply system for an executive home in combination with a 2.5KW PV solar energy system.			
	Boat	Can provide power for the lighting system and provide power for the equipment.			
	On the rooftop of a building	Group of turbines can be used as the in-grid power supply system for the building.			
Packing and Transportation	Packing	Blade and connector	Pole	Foundation and Accessories	Controller
	Packing size (mm)	8600x1700x1900	7100x350x103	2200x1000x1000	1200x430x400
	Packing Method	In wooden case	Simplest way	In wooden case	In wooden case
	Weight (kg)	216	192	72	72
Installation and Testing	User Installation Manual Installation by general contractor required				
Engineering	Local consultant required				
Permits	Required				
Electrical	Local electrician required				

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EVERWIND POWER CORP.

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