

5KW VAWT technical data

Power(w)	5kW	Rated wind speed(m/s)	11
Rotor diameter(m)	3.6	Start-up wind speed(m/s)	3.8
Height of blade(m)	2.5	Range of working wind speed(m/s)	3.8-25
Material of blades and numbers	aluminum/5	Survival wind speed(m/s)	50
Rated rotor speed(m/s)	200r/min	Output Voltage	AC360V
Speed regulation method	Electromagnetic control	Stop method	Electromagnetic brake
Wind energy utilized efficient	30%-40%	Sweep wind area	9m ²
Range of working temperature	-45°C-60°C	Suggested supporting battery	10pcs or 18 pcs12v250ah
Top weight (kg)	360kg	Tower type and height	Free standing tower/12M