

Model 5KW



Parameter	
Rated power(W)	5000
Rated voltage(DCV)	240
Rated current(DCA)	21
Rotor diameter(m)	6.4
Blade material	GFRP
Rotation direction	Clockwise
Start-up wind speed(m/s)	2.5
Rated wind speed(m/s)	10
Cut-out wind speed(m/s)	16
Survival wind speed(m/s)	45
Net weight(T)	1.0
Wind turbine type	Upwind
Rated Rotating speed(RPM)	200
Blades No.	3
Hydraulic tower height (m)	12
Yaw mechanism	Electrical
Annual yield(kwh)	17000
Yaw mode	Auto/manual
Efficiency	0.85
Wind turbine tilt-angle	6°
Protection mode	-Yaw -Hydraulic brake -Dumpload

- 1- Blades (3 pieces)
- 2- Hub (1 piece)
- 3- Nose cone (1 piece)
- 4- Anemometer/dogvane (1 piece each, non-integrated)
- 5- Generator (1 piece)
- 6- Hydraulic tower (3 sections)
- 7- Electrical hydraulic pump (1 set)
- 8- Cylinder (1 set)
- 9- Dump loader (1 piece)
- 10-Controller (1 set)
- 11-Tower accessories (1 set)
- 12-Cable from generator to controller(22 cores: 20m,
3 cores: 20m)