

## **Model H6.4—5000W** (Edited on April 8, 2009)

### **1. Panorama Pictures**



### **2. Outcurve**

地址: 中国安徽省合肥市马鞍山南路 88 号金地国际城 5 栋 2904 室

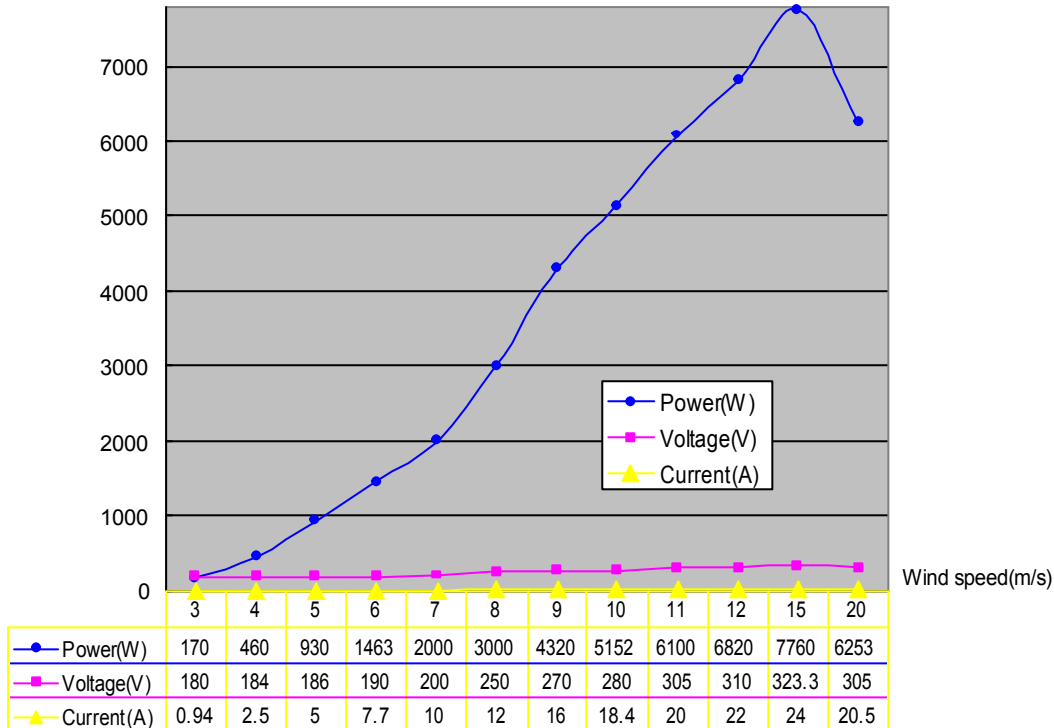
Add : Room 2904, 5# building, Jindl International City, No.88 South of MaAnShan Road, Hefei, Anhui Provice, China

电话 Tel: +86-551-3441230 3441231

传真 Fax: +86-551-3442991

邮编 Pc: 230051

Http://www.China-windturbine



Hummer 5000W Wind generator

### 3. Specifications

Rated power(W)	5000
Maximum output power (W)	7500
Charging voltage (V)	DC 240V
Blade quantity	3
Rotor blade material	GRP
Rotor blade diameter (m)	Ø6.4
Start-up wind speed (m/s)	2.5
Rated wind speed (m/s)	10
Rated rotating rate (r/min)	240
Wind energy utilizing ratio (Cp)	0.4
Generator output	single-phase frequency conversion AC
Rated charging current (A)	20
The maximum charging current (in a short time )(A)	32

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output AC frequency (Hz)	0~360
Generator efficiency	>0.8
Free standing tower diameter(mm)	$\Phi 495 \times \Phi 185 \times 12000$ (2pcs)
Guy tower diameter(mm)	$\Phi 220 \times 3000 \times 6$ (4pcs)
Tower height(m)	12m
The weight of generator(kg)	147kg
Battery 12V 150Ah/200Ah	20pcs
NOISE INDEX	LAeq=34 dBA 5m behind turbine@5m/s gusting

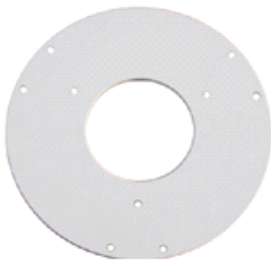
#### 4. Structural Pictures



**generator&yaw shaft**



**yaw shaft cover**



**flange**



**anemometer**



**dogvane**



**grid-tied inverter**



**wind-solar hybrid inverter**

## 5. Packing Size

### H6.4-5000W PACKING DETAIL (PER SET)

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No	Parts	Package material	Size (m)	Dimension (m3)	total volume (kg)	
					N.W	G.W
1	Generator box	Plywood containers	0.64*0.64*0.7	0.287	192	210
2	Inverter box		(off-grid) 0.67*0.57*0.285	0.109	24.8	35
			(grid-tied) 0.81*0.57*0.675	0.312	59.8	79
3	Blades box		3.15*0.46*0.315	0.456	68.3	104
4	Yaw shaft box		1.01*0.54*0.615	0.352	219	240
					145	(without tower& accessories box or wireless tower)166
5	Tower box	3.11*0.615*0.37	0.708	234	280	
6	Tower box	3.11*0.615*0.37	0.708	234	280	
total			Off-grid	2.62	973.8	1149
			Off-grid without tower		899.8	909
			Grid-tied	2.823	1008.8	1193
			Grid-tied without tower		934.8	953