

Model H4.6—3000W (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, Jindi International City, No.88 South of MaAnShan Road, Hefei, Anhui Provice, China

电话 Tel: +86-551-3441230

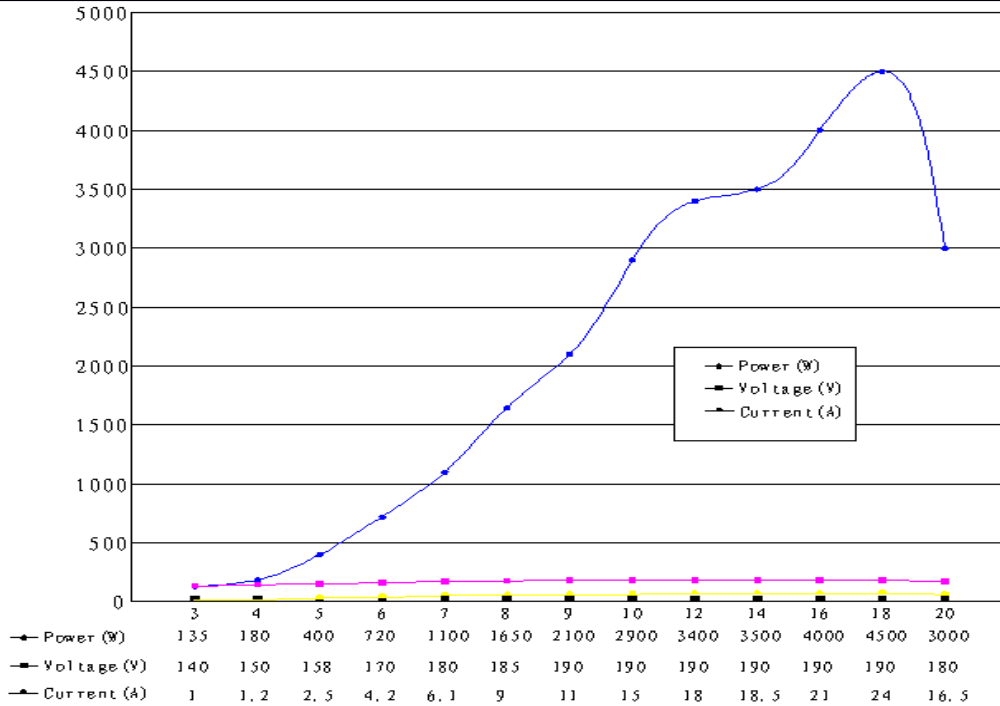
3441231

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邮编 Pc:230051

Http://www.China-

windturbine.com



Hummer 3000W Wind generator

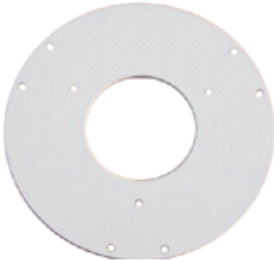
3. Structural Pictures



generator&yaw shaft



yaw shaft cover



flange



anemometer



dogvane



grid-tied inverter



wind-solar hybrid inverter

4. Specifications

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Rated power(W)	3000
Maximum output power (W)	4500
Charging voltage (V)	DC 180V
Blade quantity	3
Rotor blade material	GRP
Rotor blade diameter (m)	4.8
Start-up wind speed (m/s)	2.5
Rated wind speed (m/s)	10
Rated rotating rate (r/min)	400
Wind energy utilizing ratio (Cp)	0.4
Generator output	single-phase frequency conversion AC
Rated charging current (A)	16
The maximum charging current (in a short time)(A)	28
output AC frequency (Hz)	0~360
Generator efficiency	>0.8
Wireless tower diameter(mm)	Ø 397×Ø 137×12000 (2pcs)
Guy tower diameter(mm)	Ø140×3000×4 (4pcs)
Tower height(m)	12m
The weight of generator(kg)	60kg
Battery 12V 150Ah/200Ah	15pcs
NOISE INDEX	LAeq=32 dBA 5m behind turbine@5m/s gusting

5. Packing Size

H4.6-3000W 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	0.45*0.45*0.53	0.107	71.8	81.2
2	Inverter box		(off-grid) 0.645*0.56*0.28	0.101	25.3	35
			(grid-tied) 0.72*0.465*0.515	0.172	47	60.5
3	Blades box		2.383*0.295*0.248	0.174	21	40
4	Yaw shaft box		0.800*0.415*0.44	0.146	100	112
5	Tower box		3.23*0.41*0.395	0.523	227	265
total		off-grid	1.051	445	533.2	
		grid-tied	1.122	467	558.7	