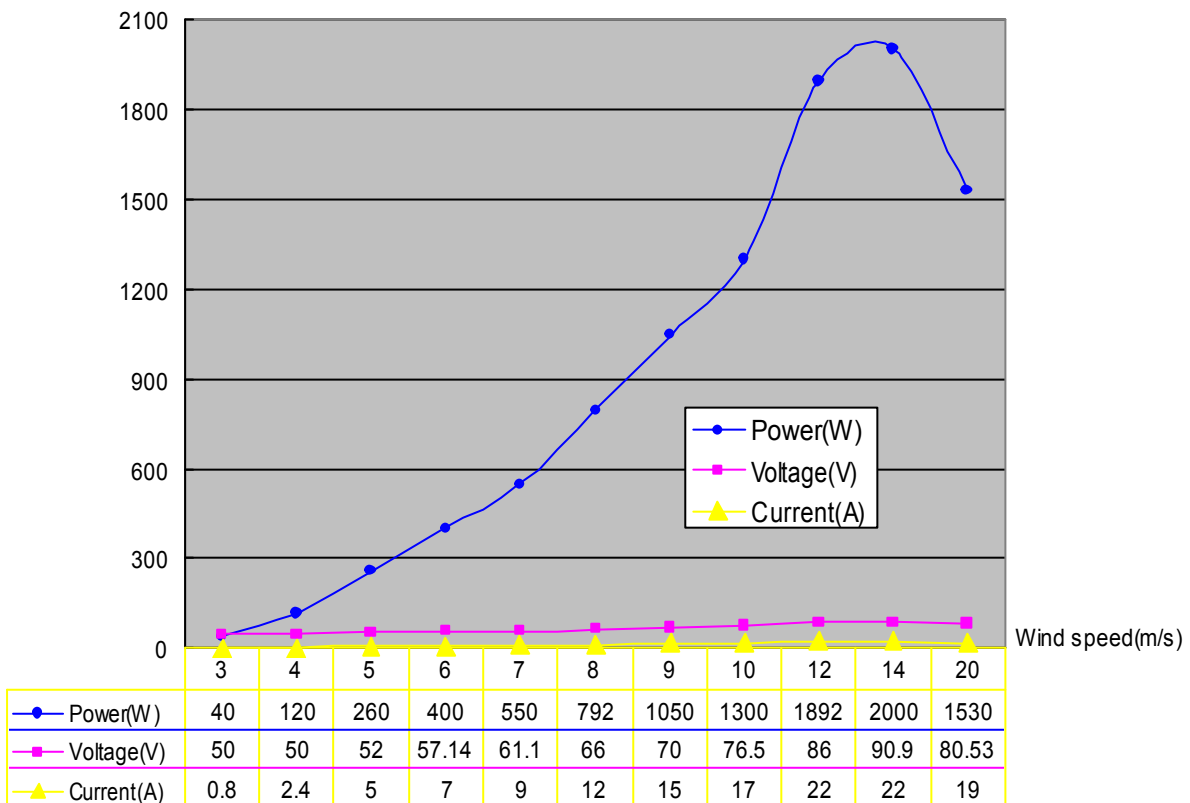


# Model H3.1—1000W (Edited on April 23, 2009)

## 1. Panorama Pictures



## 2. Curve



Hummer 1000W Wind generator



### 3. Specifications

Rated power(W)	1000
Maximum output power (W)	2000
Charging voltage(V)	DC 60
Blade quantity	3
Rotor blade material	GRP
Rotor blade diameter (m)	3.1
Start-up wind speed (m/s)	3.0
Rated wind speed (m/s)	9.0
Rated rotating rate (r/min)	500
Wind energy utilizing ratio (Cp)	0.45
Generator output	Single-phase frequency conversion AC
output AC frequency (Hz)	0~400
Rated charging current (A)	15
The maximum charging current (in a short time )(A)	30
Generator efficiency	>0.8
Guy tower diameter(mm)	Φ89*2000*3.5 (4pcs)
Tower height(m)	8
Weight of generator (kg)	15
Battery 12V 150Ah/ 200Ah	5pcs
Noise Index	LAeq=30 dBA 5m behind turbine@5m/s gusting

#### 4. Structural Pictures



#### 5. Packing Size



**H3.1-1000W PACKING DETAIL (PER SET)**

No	Parts	Package material	Dimension (m)	Size (m <sup>3</sup> )	Total volume (kg)	
					N.W	G.W
1	Generator box	plywood containers	0.34*0.34*0.386	0.045	25	30.2
2	Inverter box		(off-grid) 0.325*0.593*0.593	0.114	19.2	29.4
			(grid-tied) 0.72*0.47*0.518	0.175	32	45.4
3	Blades box		1.77*0.305*0.272	0.147	50.2	65.5
4	Tower box		0.308*0.26*2.174	0.174	67.2	85.4
Total			off-grid	0.48	161.8	210.5
			grid-tied	0.541	174.8	226.5