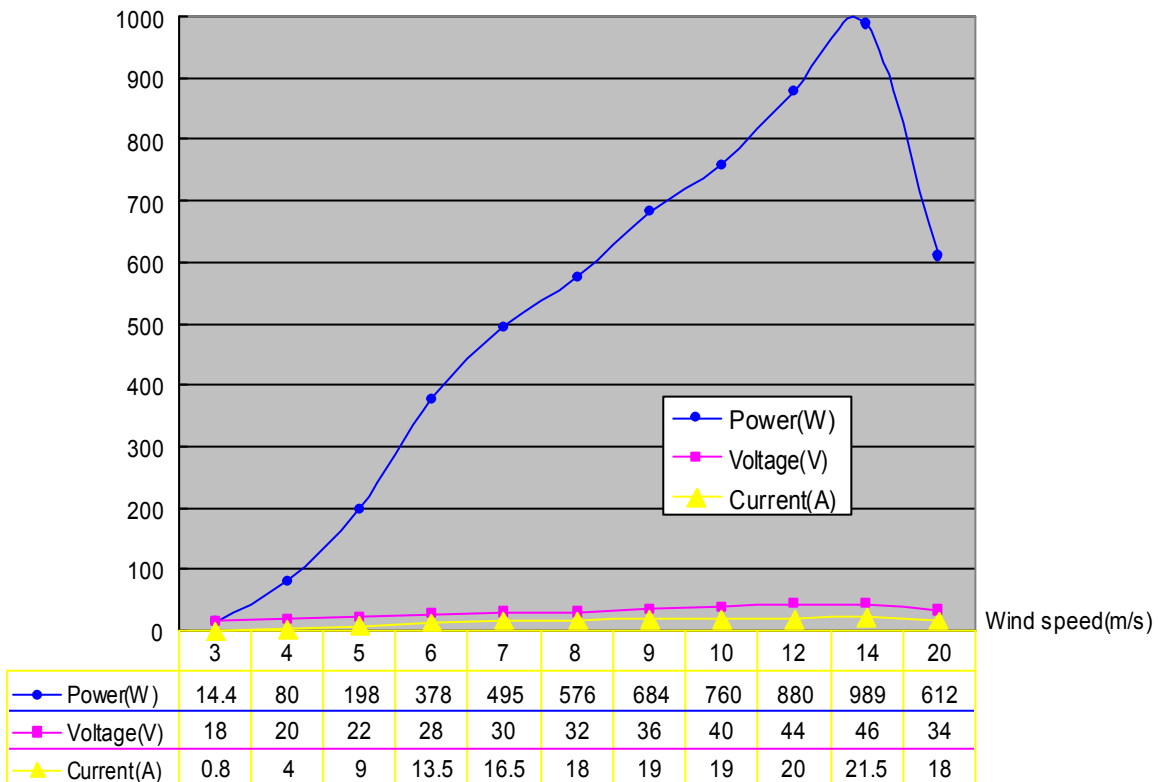


# Model H2.7—500W (Edited on April 23, 2009)

## 1. Panorama Pictures



## 2. Curve



Hummer 500W Wind generator

### 3. Specifications

Rated power(W)	500
Maximum output power (W)	1000
Charging voltage (V)	DC 24
Blade quantity	3
Blade material	GRP
Blade diameter (m)	2.7
Start-up wind speed (m/s)	3.0
Rated wind speed (m/s)	7.0
Rated rotating rate (r/min)	600
Wind energy utilizing ratio (Cp)	0.48
Generator output	Single-phase frequency conversion AC
Output AC frequency (Hz)	0~300
Rated charging current (A)	15
The maximum charging current (in a short time )(A)	25
Generator efficiency	>0.78
Guy tower diameter(mm)	Φ76*2000*3 (3pcs)
Tower height(m)	6
Generator weight (kg)	6.5
Battery 12V 150Ah/200Ah	2pcs
Noise Index	LAeq=29 dBA 5m behind turbine@5m/s gusting

#### 4. Packing Size

##### H2.7-500W 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	1.5*0.3*0.272	0.122	45	58
2	Inverter Box		0.565*0.445*0.2	0.05	9	15.2
3	Tower Box		2.13*0.24*0.22	0.112	37.7	52
Total				0.284	91.7	125.2

## 5. Structural Pictures

