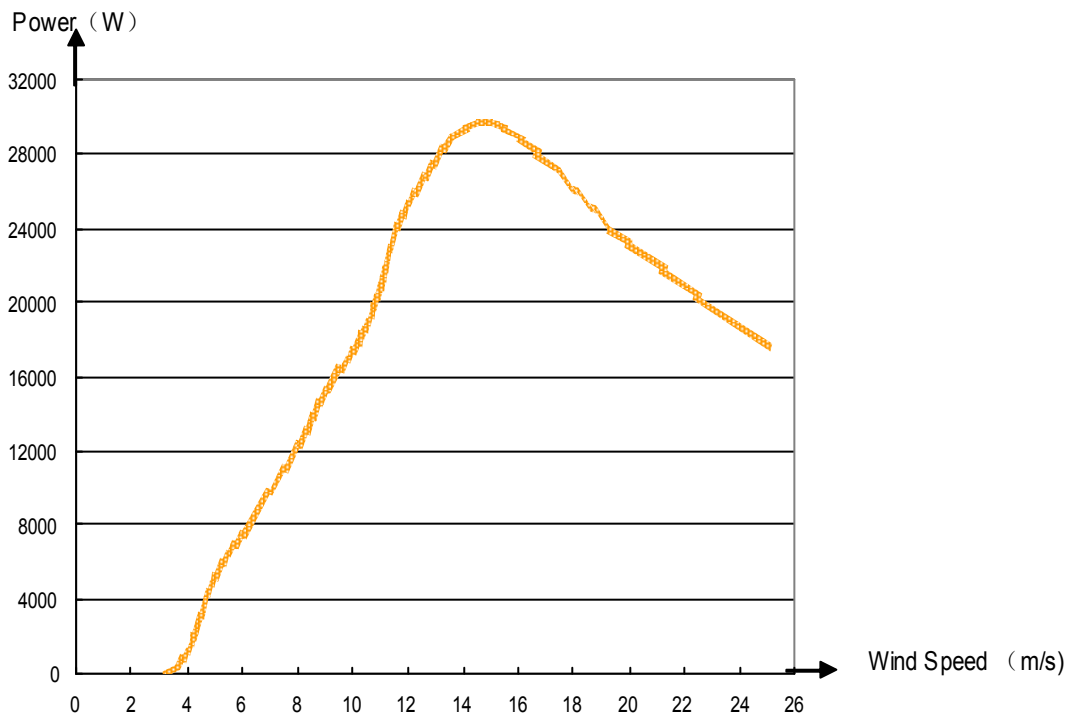


# Model H9.0-20000W (Edited on March 23, 2009)

## 1. Panorama Pictures



## 2. Curve



**Hummer 20000W Wind Generator Wind Speed—Output Power Curve**



### 3. Specifications

Rated Output (W)	20000
Max output (W)	30000
Charge Voltage(V)	DC 300
Numbers of blade	3
Blade material	GRP
Blade diameter (m)	9.0
Start up wind speed (m/s)	3.0
Rated wind speed (m/s)	10.0
Rated rotate speed (r/min)	120
Wind Utilize Ratio (Cp)	0.42
Generator output	Single-phase frequency conversion AC
Rated charging current(A)	65
The maximum charging current(in a short time)(A)	110
Output AC Frequency(Hz)	0 ~360
Generator Efficiency	>0.8
Free Standing tower diameter(mm)	Φ800*Φ510*18000 (3pcs)
Tower Height (m)	18
Generator weight (kg)	310
12V 150Ah or 200Ah Battery	25pcs
Noise Index	L <sub>Aeq</sub> =34 dBA 5m behind turbine@5m/s gusting

### 4. Packing Size



**H9.0-20000W PACKING DETAIL (PER SET)**

No	Parts	Package material	Size (m)	Dimension (m3)	Total volume (kg)	
					N.W	G.W
1	Generator box	Plywood containers	1*0.9*0.8	0.72	610	710
2	Inverter box		0.7*0.8*0.63	0.35	78	89
3	Blades box		5.6*0.6*0.7	2.352	140	200
4	Yaw shaft box		2.18*0.9*0.55	1.08	780	950
5	Tower box	Nylon	6*0.96*0.80	4.608	790	790
6	Tower box		6*0.80*0.62	2.976	610	610
7	Tower box		6*0.62*0.51	1.897	480	480
total				13.983	3488	3829