



# CUTES RENEWABLE ENERGY

Wind Power in Economical Way

## *Product Catalog*



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## 500W Wind Turbine System

### Main Parameter

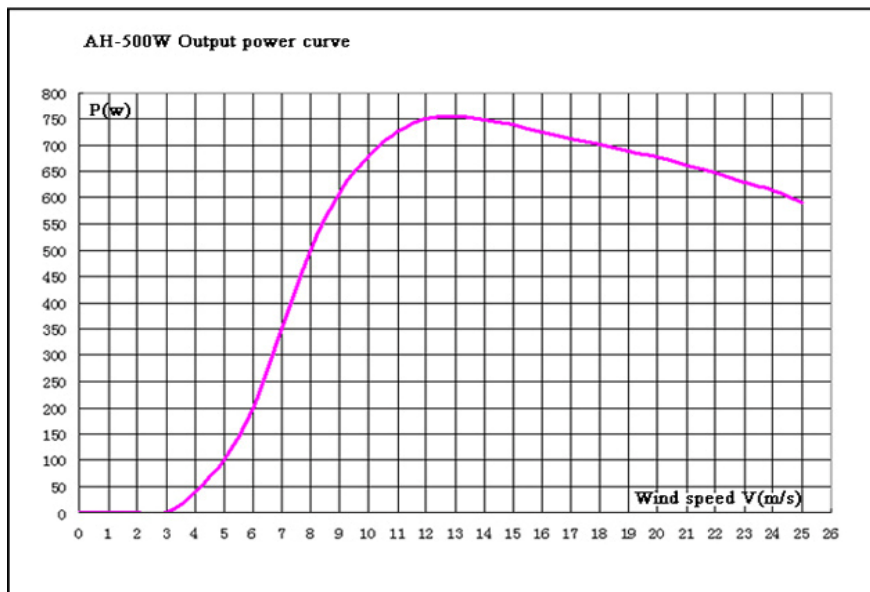
<b>Model</b>	<b>CT2.8-500W</b>
Rated power(W)	500W
<b>Rated voltage (V)</b>	<b>24V</b>
Rotor diameter(M)	2.8
Start-up wind speed(m/s)	2
Rated wind speed ( m/s )	8
Security wind speed(m/s)	35
Rated rotating rate ( r/m )	400
Blade material	glass fiber
Blade quantity	3



### Packing information

500w Component	Packaging	Dimension(CM)			Volume	Gross Weight
Generator / Controller	Veneer	71.5	49	38	0.13	50
Accessories / Inverter	Veneer	68	37.5	18.5	0.05	29
Blades / tail	Carton + foam	160	24	21	0.08	17
Tower	Covered with braid	200	18.5	20	0.07	35
Total:Volume:0.33CBM; Gross Weight: 131kg						
20" container: 80sets; 40" container: 170sets						

### Power Curve



## 1KW Wind Turbine System

### Main Parameter

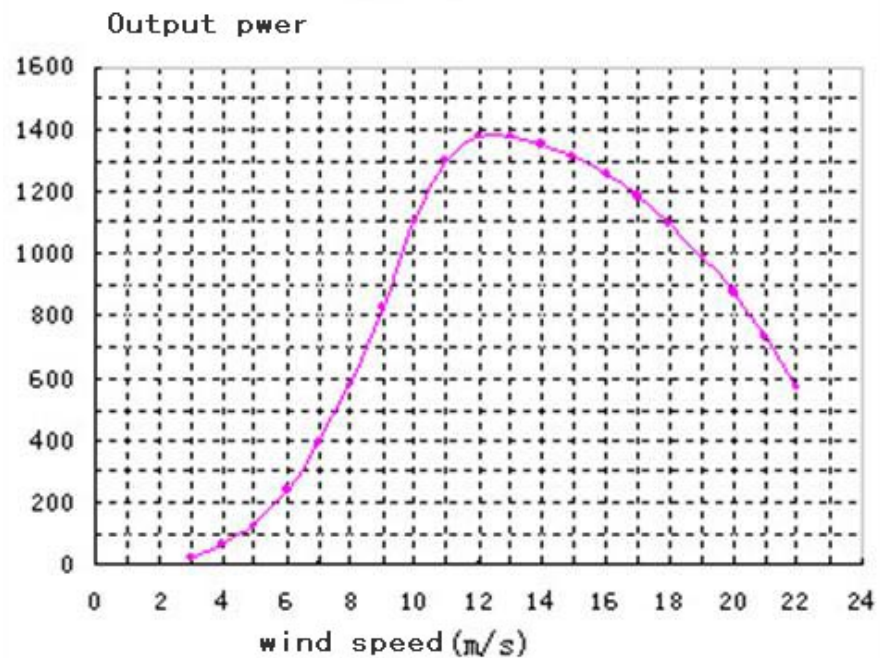
<b>Model</b>	<b>CT3.2-1000W</b>
Rated power(W)	1000W
<b>Rated voltage (V)</b>	<b>48V</b>
Rotor diameter(M)	3.2
Start-up wind speed(m/s)	2
Rated wind speed ( m/s )	8
Security wind speed(m/s)	35
Rated rotating rate ( r/m )	400
Blade material	glass fiber
Blade quantity	3



### Packing information

1kw Component	Packaging	Dimension(CM)			Volume	Gross Weight
Generator / Controller	Veneer	71.5	38	49	0.13	52
Accessories / Inverter	Veneer	61	48.5	24.5	0.07	33
Blades/tail	Carton + foam	160	24	21	0.08	21
Sine wave inverter	Veneer	51	42	22	0.05	23
Tower	Covered with braid	304	31.5	21	0.2	71
Total:Volume:0.53CBM; Gross Weight: 200kg						
20" container: 50sets; 40" container: 100sets						

### Power Curve



## 2KW Wind Turbine System

### Main Parameter

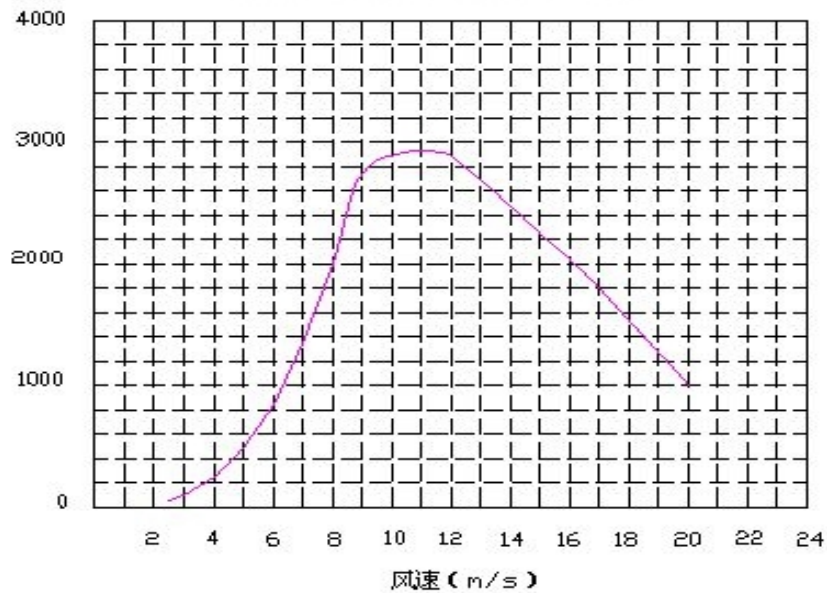
<b>Model</b>	<b>CT4.0-2KW</b>
Rated power(W)	2000W
<b>Rated voltage (V)</b>	<b>96V</b>
Rotor diameter(M)	4.0
Start-up wind speed(m/s)	2
Rated wind speed ( m/s )	9
Security wind speed(m/s)	35
Rated rotating rate ( r/m )	400
Blade material	glass fiber
Blade quantity	3



### Packing information

2kw Component	Packaging	Dimension(CM)			Volume	Gross Weight
Generator	Veneer	71.5	38	49	0.13	53
Sine wave Inverter	Veneer	51	41	30	0.06	28
Accessories / controller	Veneer	75	59	27	0.12	54
Blades / tail	Carton + foam	210	23	36	0.17	39
Tower	Covered with braid	306	45	35	0.48	129
Total:Volume:0.96CBM; Gross Weight: 303kg						
20" container: 28sets; 40" container: 60sets						

### Power Curve



## 3KW Wind Turbine System

### Main Parameter

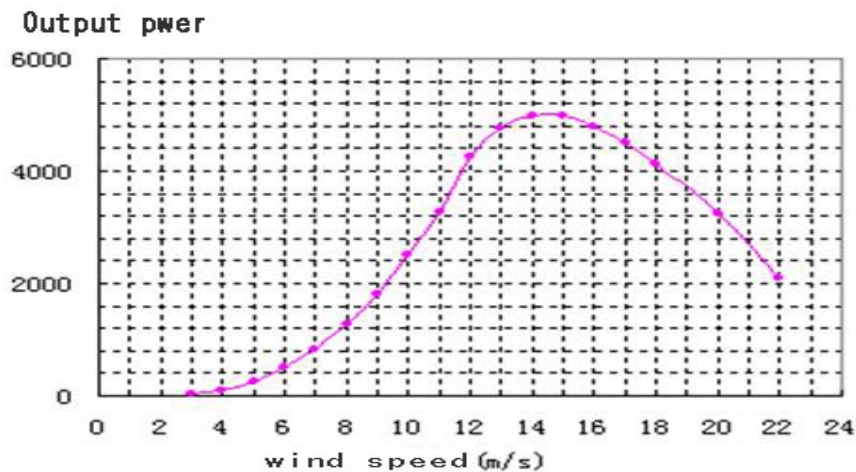
<b>Model</b>	<b>CT5.0-3KW</b>
Rated power(W)	3000W
<b>Rated voltage (V)</b>	<b>220V</b>
Rotor diameter(M)	5.0
Start-up wind speed(m/s)	2
Rated wind speed ( m/s )	10
Security wind speed(m/s)	45
Rated rotating rate ( r/m )	220
Blade material	glass fiber
Blade quantity	3



### Packing information

3kw Component	Packaging	Dimension(CM)			Volume	Gross Weight
generator/ Accessories	Veneer	133	65	51	0.44	396
Blades	Veneer	244	29	34	0.24	52
Tower (1)	Covered with braid	450	38	38	0.65	177
Tower (2)	Covered with braid	450	38	38	0.65	208
Controller	Veneer	69.5	59.5	74.5	0.31	61
Sine wave Inverter	Veneer	50	41	30	0.06	31
Total:Volume:2.35CBM; Gross Weight: 925kg 20" container: 10sets; 40" container: 23sets						

### Power Curve



CT5.0-3000W Wind Turbine can supply about 600kwh per month under the condition: average wind speed is 10m/s per day and valid wind hours is 210h per month. It can satisfy the power needs of lighting, TV, fridge, heater, air conditioner, PC etc, at home or sentry and like.

## 5KW Wind Turbine System

### Main Parameter

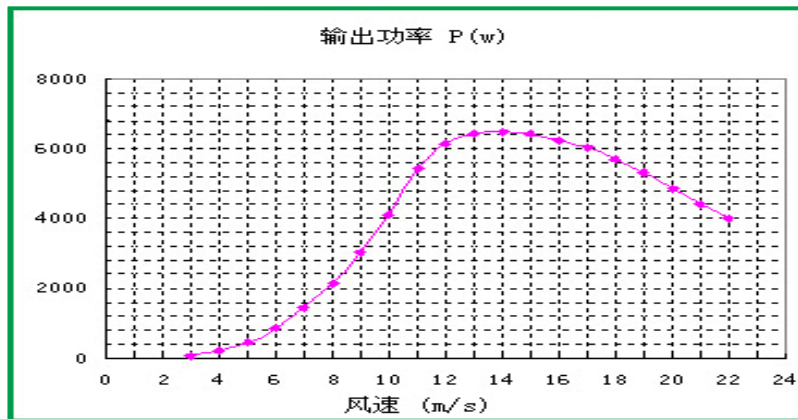
<b>Model</b>	<b>CT6.4-5KW</b>
Rated power(W)	5000W
<b>Rated voltage (V)</b>	<b>240V</b>
Rotor diameter(M)	6.4
Start-up wind speed(m/s)	2
Rated wind speed ( m/s )	10
Security wind speed(m/s)	45
Rated rotating rate ( r/m )	200
Blade material	glass fiber
Blade quantity	3



### Packing information

5kw Component	Packaging	Dimension(CM)			Volume	Gross Weight
generator	Veneer	143.5	70	62	0.62	379
Blades	Veneer	317	33.5	50	0.53	119
Tower (1)	Covered with braid	400	38	38	0.58	165
Tower (2)	Covered with braid	400	38	38	0.58	202
Tower (3)	Covered with braid	400	38	38	0.58	202
Sine wave Inverter	Veneer	106	55	82	0.48	105
Controller	Veneer	69.5	59.5	74.5	0.31	62
Accessories	Veneer	106	33	53	0.19	160
Total:Volume:3.87CBM; Gross Weight: 1394kg						
20" container: 7sets; 40" container: 15sets						

### Power Curve



CT6.4-5000W Wind Turbine can supply about 1000kwh per month under the condition: average wind speed is 10m/s per day and valid wind hours is 210h per month. It can satisfy the power needs of lighting, TV, fridge, heater, computer, water pump, or equipments in a monitor station.

## 10KW Wind Turbine System

### Main Parameter

<b>Model</b>	<b>CT8.0-10kW</b>
Rated power(W)	10KW
<b>Rated voltage (V)</b>	<b>240V</b>
Rotor diameter(M)	8.0
Start-up wind speed(m/s)	2
Rated wind speed ( m/s )	10
Security wind speed(m/s)	45
Rated rotating rate ( r/m )	20
Blade material	glass fiber
Blade quantity	3

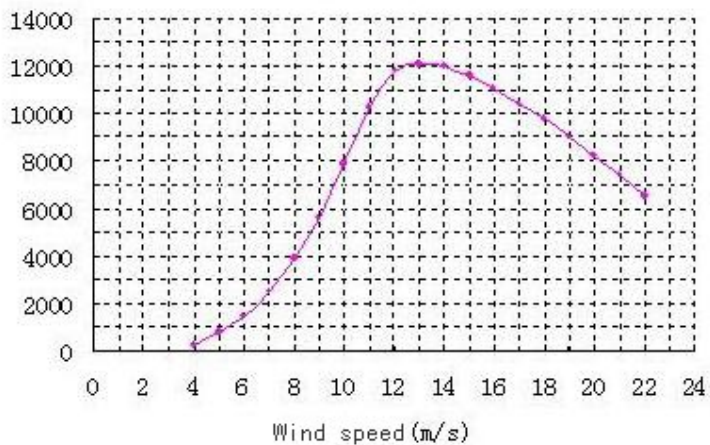


### Packing information

10kw Component	Packaging	Dimension(CM)			Volume	Gross Weight
Generator + Controller	Veneer	143.5	70	62	0.62	449
Blade	Veneer	402	33	52	0.69	141
Tower (1)	Covered with braid	400	38	38	0.58	195
Tower (2)	Covered with braid	400	38	38	0.58	232
Tower (3)	Covered with braid	400	38	38	0.58	232
Controller	Veneer	69.5	59.5	91	0.38	79
Grid Off Inverter	Veneer	105	81	54	0.46	98
Accessories	Veneer	106	33	53	0.19	169
Total:Volume:4.08CBM; Gross Weight: 1595kg						
20" container: 6sets; 40" container: 14sets						

### Power Curve

Output power:



CT8.0-10kW Wind Turbine can supply about 2000kwh per month under the condition: average wind speed is 10m/s per day and valid wind hours is 210h per month. It can satisfy the power needs of lighting, TV, fridge, heater, computer, water pump, or equipments in a monitor station.

## 20KW Wind Turbine System

### Main Parameter

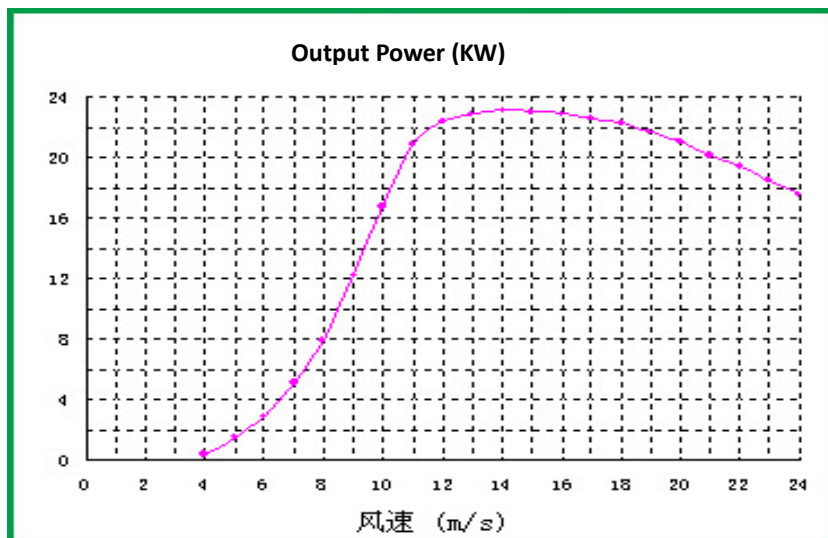
<b>Model</b>	<b>CT10.0-20kW</b>
Rated power(W)	20KW
<b>Rated voltage (V)</b>	<b>360V</b>
Rotor diameter(M)	10.0
Start-up wind speed(m/s)	2
Rated wind speed ( m/s )	12
Security wind speed(m/s)	45
Rated rotating rate ( r/m )	160
Blade material	glass fiber
Blade quantity	3



### Packing information

20kw Component	Packaging	Dimension(CM)			Volume	Gross Weight
generator	Veneer	133	106	141	1.99	1256
Blades	Veneer	489	40.5	69	1.37	283
Tower(1)	Covered with braid	600	50	50	1.5	432
Tower (2)	Covered with braid	600	50	50	1.5	432
Tower (3)	Covered with braid	600	50	50	1.5	432
Grid off Inverter	Veneer	200	82	65	1.11	350
Controller	Veneer	69.5	59.5	91	0.38	87
false ogive	Veneer	88	85	64	0.48	51
Accessories	Veneer	106	54	47	0.27	285
Total:Volume:10.1CBM; Gross Weight: 3608kg						
20" container: 2sets; 40" container: 5sets						

### Power Curve



CT10.0-20000kW Wind Turbine can supply about 2000kwh per month under the condition: average wind speed is 10m/s per day and valid wind hours is 210h per month.