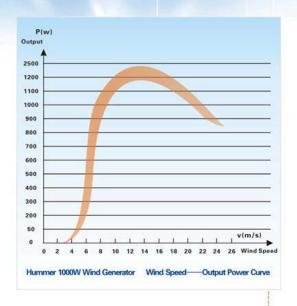
Generator Invisible Wind Turbine



Model:H3.1-1000W





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Main technical data:

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Rotor blade diameter	3.1m	Max output	≥2000W
Numbers of blade	3	Output Voltage	AC 220V DC70V
Start up wind speed	3.0m/s	Height	8m
Rated wind speed	9m/s	Generator weight	20kg
Rated output power	1000W	Temperature	±45℃
Allocated battery	5 × 12 V	Speed protection	Tower leaned

If any change, please see the real products



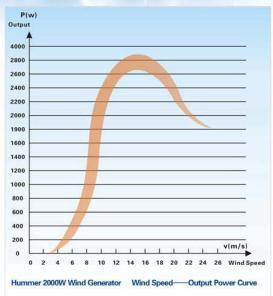
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Generator Invisible Wind Turbine



Model:H3.6-2000W













Main technical data:

H3.6-2000						
Rotor blade diameter	3.6m	Max output	≥3500W			
Numbers of blade	3	Output Voltage	AC 220V DC70V、140V			
Start up wind speed	3.0m/s	Height	10m			
Rated wind speed	9m/s	Generator weight	25kg			
Rated output power	2000W	Temperature	±45°C			
Allocated battery	10×12V	Speed protection	Tower leaned			

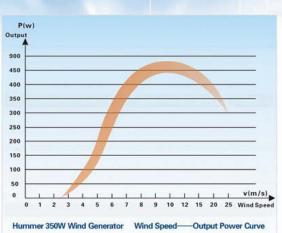


Generator Invisible Wind Turbine

350W

Model: H2.5-350W



















Main technical data:

H2.5-350						
Rotor blade diameter	2.5m	Max output	≥700W			
Numbers of blade	3	Output Voltage	AC 220V DC 28V			
Start up wind speed	2.5m/s	Height	6m			
Rated wind speed	6.5m/s	Generator weight	5kg			
Rated output power	350W	Temperature	± 45°C			
Allocated battery	2×12V	Speed protection	Tower leaned			



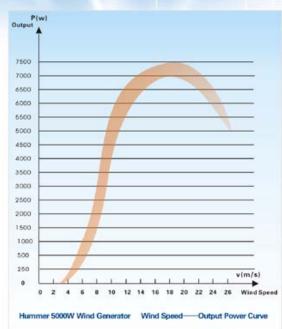


Generator Invisible Wind Turbine



Model:H6.4-5000W















Main technical data

H6.4-5000						
Rotor blade diameter	6.4m	Max output	≥7500W			
Numbers of blade	3	Output Voltage	AC 220V DC 140V. 280V			
Start up wind speed	3m/s	Height	12m			
Rated wind speed	10m/s	Generator weight	100kg			
Rated output power	5000W	Temperature	± 45°C			
Allocated battery	10×12V	Speed protection	Tower leaned			



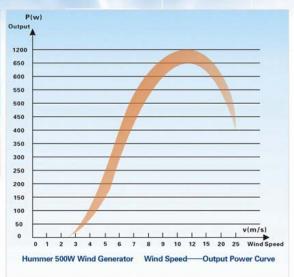


Generator Invisible Wind Turbine

500W

Model:H2.7-500W



















Main technical data:

H2.7-500						
Rotor blade diameter	2.7m	Max output	≥1000W			
Numbers of blade	3	Output Voltage	AC 220V DC 28v			
Start up wind speed	2.5m/s	Height	6m			
Rated wind speed	7m/s	Generator weight	6.5kg			
Rated output power	500W	Temperature	±45°C			
Allocated battery	2×12V	Speed protection	Tower leaned			





Generator Invisible Wind Turbine

Applied cases



Residents: pastoral, plateau, island



Culturist: river, lake, coast



Sea use: lighthouse, beacon, island



Ship use: lake shipment river shipment



Telecommunication: telecommunication relay station, TV relay station, emergency telecommunication



Scene spot: park, villas, inhabit



Water pumping: grassland, autopumping, salt bleachery



Street lamp: coastal city,suburban area



pipe protection: petrol pipe protection gas pipe protection



express highway: green keeping, way signal



Whether station



Combined to grid

Corporation introduction

Hefel Hummer Dynamo Co., Ltd., located in APEC High and New Technology Garden -- Hefei National Hi-tech Development Zone, is a burgeoning private high technology enterprise in the line of wind generator. We specialize in R&D,producing and promotingof small-sized wind generator system, And providing solutions for setting up small -Scaled wind power plants.

The two generations, totally about 30 years' hard working has developed seven

patents to Manufacture the extreme light and high efficient wind generator with its control

as well as worldwide influential expertise corporation.



Product features









Core techniques

Through nearly 30 years' research and develop, Hummer has got seven patents: four at generator (two of them are international), one at structure, one at low wind start, and one at electrical controller.

Hummer's mini wind generator is a high-tech product, which has syncretized

several high techniques, Such as air Dynamics, new material, auto controlling and magnetic cutting,etc. We take the lead in this line home and abroad, esp. The super small structure, which weighs only 20% of traditional generator.

Besides, our newway of craft and surface design also go ahead in the industry.

We have six technical features as extreme small structure, low wind start,

low rated wind speed, Quick output in low wind, wide wind speed ranges, reliable

speed restriction, and stable quiet running.

We have a powerful R&D team (consisting of experts enjoying government allowance)which hasbeen providing reliable force for product-upgrading & technical support, while the department has equipped with the first- class generatormeasure system and battery measure system, with five research rooms for mechanism design, products design, control management, and air dynamics, etc.



Technical data									
Data	Power	350W	500W	750W	1000W	2000W	3000W	5000W	10000W
Flatted power(W)		350	500	750	1000	2000	3000	5000	10000
Roma output votingn(V)		28	296		56770	140	140(280	220/280	320
Number of giass liber rentor	card plantic blackes	3	3	3	3	3	3	3	3
Discherbereit)		7.5	2.7	2.8	3.1	3.6	4.8	6.4	8.0
Start up wind (min)		2.5	2.5	3	3	3	3	3	5.5
Pared wind speed anvia		6.5	7	. 0	.0		10	10	10.5
Rated colling speedphars		600	600	860	500	450	430	230	180
What imergy bandoming ru	MCN1	0.5	0.48	0.45	0.45	0.45	0.45	0.45	0.45
Genestor officency		1079	>0.78	1078	>0.78	10.79	14079	1078	1078
Pole spec (mm)		ф76	Φ76	Φ76	Φ90	ф120	6273	6773	@300
Positivity (m)		à	8		1:	10	10	12	14
Generator Weightpigs		4.	4.5		20	25	43	100	200

Generator Invisible Wind Turbine

Generator Invisible Wind Turbine

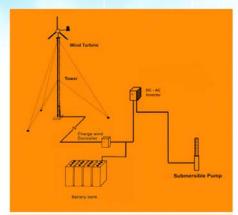
■ Wind-pump hybrid system

Generating equipment—wind generator

Controlling system—wind-pump controller

Energy storing equipment—battery bank

Irrigation equipment—pump



Solution:

It can absorb water from underground 70 meters or any well with diameter more than 100mm. It does work steady and under no influence by wind, so it is widely used in water absorbing, auto irrigation, etc.

■ Wind-light hybrid system

Generating equipment-wind generator and solar battery

Controlling equipment—DC wind-solar hybrid controller

Energy storing equipment—battery bank

Lamp equipment—street lamp and pole

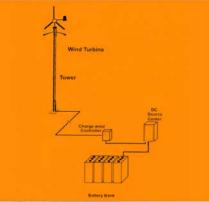
■ Grid tie-in system

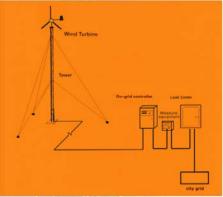
Generating equipment—wind generator

Controlling equipment—grid tie-in controller

Measure equipment——e-display, communication terminal

Applying equipment—city grid



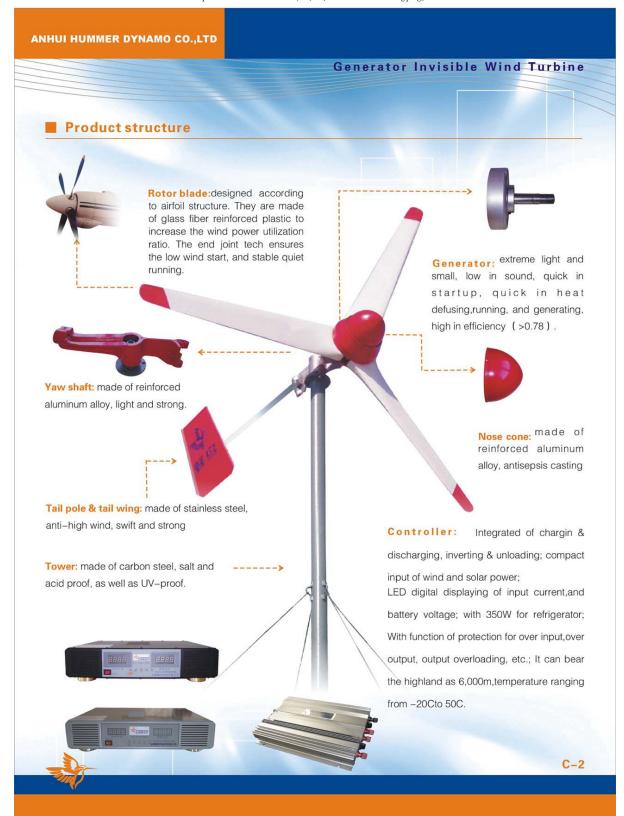




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Generator Invisible Wind Turbine

■ Wind-gas hybrid system

Generating equipment—wind generator, diesel generator

Controlling equipment—wind power controller, diesel charging controller

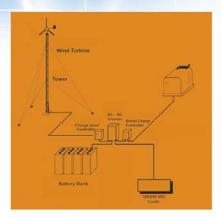
Energy storing equipment—battery bank

Inverting equipment——alternator

Applying equipment——low voltage casement and cables

Solution:

If wind is strong enough, the wind generator can assure the demand; if not, the diesel generator will take the place. It is economical and 100%steady.



Generator Invisible Wind Turbine

■ Wind-solar hybrid system

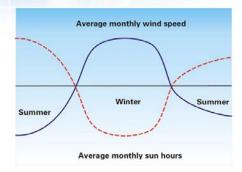
Generating equipment—wind generator, solar battery

Controlling equipment—wind power controller, solar charging controller

Energy storing equipment—battery bank

Inverting equipment—alternator

Applying equipment—low voltage casement and cables



Solution:

Solar power is greatly influenced by season, climate and terrain, having the feature that more in summer and less in winter, while the wind power is rightly opposite. According to the situation, Hummer developed this green product to get a balanced electricity output and 85% provision ratio.

