

VAWT 2KW WIND GENERATOR QUOTATION SHEET(on-grid)

Model	Specifications	CAT-V-2kW		Components
	<p>Rated power 2000W Max Power 2500W Blades rotor diameter 2.6m (6.56 ft.) Height of Blades 2.6m (8.528 ft.) Brake Method Electromagnetic brake+PWM+3Phase dump load Blade material and quantity 5Pcs / FRP The top of weight 150KG Rated rotate speed 170(r/min) Rated wind speed 9m/s (20.16mph) Start up wind speed 1.5 m/s (3.36 mph) Working wind speed 3-25m/s (6.72-56 mph) MAX.Design wind speed 50m/s (112mph) Output Voltage(AC) 96V/48V Generator type 3phase PMG AC generator Dump load rating 4kw Wind generator Sweep wind area 5.2 m2</p>			Including generator host, blades,hub,blades support wings
	On-grid controller	<p>Wind power: 2KW Function: rectifier, control Operating environment: Temperature -10~40°C, humidity ≤ 80% PWM constant pressure voltage: ≥ 270Vdc 3-phase load voltage of the wind turbine 3-phase load: 300±5Vdc Time-lapse of the wind turbine 3-phase load: 12-20 min Low-voltage : ≤200Vdc PWM Fuse: 10A 3Phase dump load</p>		1. When the grid-connected inverter breaks down or the electricity network is lost, the braking protection of the wind turbine can start automatically. 2. In a strong wind, the controller can automatically stabilize the voltage through PWM toward the wind turbine and the power is continuously supplied to the grid-connected inverter. 3. After the PWM is 100% unloaded, if the DC voltage value is still higher than the required value, the controller can automatically brake the wind turbine and the power supply to the grid-connected inverter is cut down. .
	Invertor	On-grid invertor	<p>Model G2KD Rating capacity 2 KVA Rating AC output power 2KVA Max. AC output power 2.4KVA Isolation: Low frequency transformer isolation Recommending wind turbine power: 2.4KVA Max. AC open circuit voltage: 780VDC MPPT range: 100~780VDC Max. DC Input current: 10A DC connecting mode: In-line waterproof terminal</p>	1. Mitsubishi company IPM power components. 2. American ATETEL company microprocessor figure controller. 3. MPPT (Maximum Power Point Tracking) technology. 4. circuit frame compact,Max. Efficiency ≥ 94% 5. input voltage range wide,MAX. can be 1150VDC 6. RS232/485 communication,multi communication interface can be selected 7. pure sine wave output,automatically synchronized with the grid tracking,power factor close to 1, Current low harmonic content, non-polluting power grid, no impact 8. Inverter current closed-loop control, power controllable 9. big-screen LCD, perfect display, interface-friendly.
	Tower	Free stand tower	<p>Height of pole: 6m (19.68ft) Pole Thickness 4mm Top diameter: 100mm Bottom diameter: 310mm Tower segment: 2 segments Surface treatment: hot-dip galvanizing spray</p>	Including tower poles, base, cables, anchors, bolts etc.
				CE en ROHS certificaat

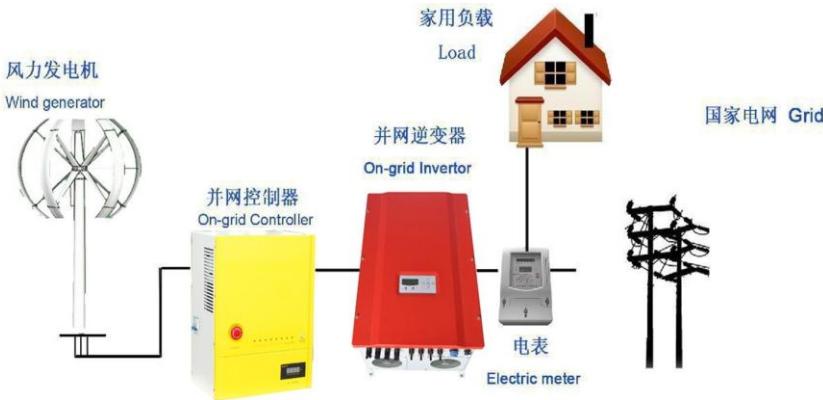
Polyrubber windenergie

Bronhorsterstraat 9

Hengelo gld

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6.Gurantee: 3 - 6 years for free



并网风力发电系统示意图
 On-grid wind turbine system

Opbrengst per jaar .Bij 5 mtr p/sec 3159 kw

Opbrengst per jaar .Bij 7 mtr p/sec 6232 kw

Opbrengst per jaar .Bij 9 mtr/p/sec 10200 kw

