

## Boat Silent Wind Generator



Maximun Safety and Efficiency!  
Minimum Noise Emission  
Rated Power over 400 Watt



**Caribbean Power SVG LTD**

Representative Office

**3 Quality Power**

Isla Colon Bocas del Toro Panama

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## Boat Silent Wind Generator Mini 3 Plus – Mini 5 Plus

### Technical specification

Model	MINI 3 Plus	MINI 5 Plus
Weight	8kg.	9.3Kg.
Blades	3 PC Nylon Fiber	5 PC Nylon Fiber
Body	Cast alluminium	Cast alluminium
Overspeed protection	Electronic torque control	Electronic torque control
Rotor diameter	1.16M	1.21M
Start up wind speed	2.0M/S	1.5M/S
Maximum wind speed	50M/S	
Rated Voltage	12V/24V	
Rated Capacity	400W	
Max Capacity	450W	
Condition	-20 ~80 C°	
Warranty	24 months	

**Power generation per month refers to 3 5m/s avg.wind speed thoughtout the year**

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**WG3P** (ordering code)



**MINI 3 Plus Small Wind Turbine**

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### **1.Low start-up wind speed**

Low wind speed series wind turbines generate more than 60% effective power than the same rotor diameter wind turbine annually.

### **2.High-efficient Generator**

Three-phase permanent magnet synchronous wind turbine,more than 10% of the efficiency of ultra-GB,starting resistance,only be 1/3 of the GB limit,motor insulation rating class H insulation.

### **3.Unique Power Management System**

Built-in a new intelligent controller,monitoring the wind turbine operation in real-time MPPT(Maximum Power Point Tracking) charge.

### **4.Innovative Noise Reduction Technology**

Start and produce electricity at the 1.5m/s,noise only at 40db at 13m/s/.

### **5.Perfect Wind Wheel System**

The wind turbine wheel are made of a low temperature resistance,aging high strength compound material,can cope with a variety of complex wind conditions,charge wind energy into electrical energy efficiently and sustainably..

### **6.Unique Design Of The Rudder**

Wind turbine rudders are ale to respond to the wind speed and wind direction flexibly,enhancing the efficiency of power generation.

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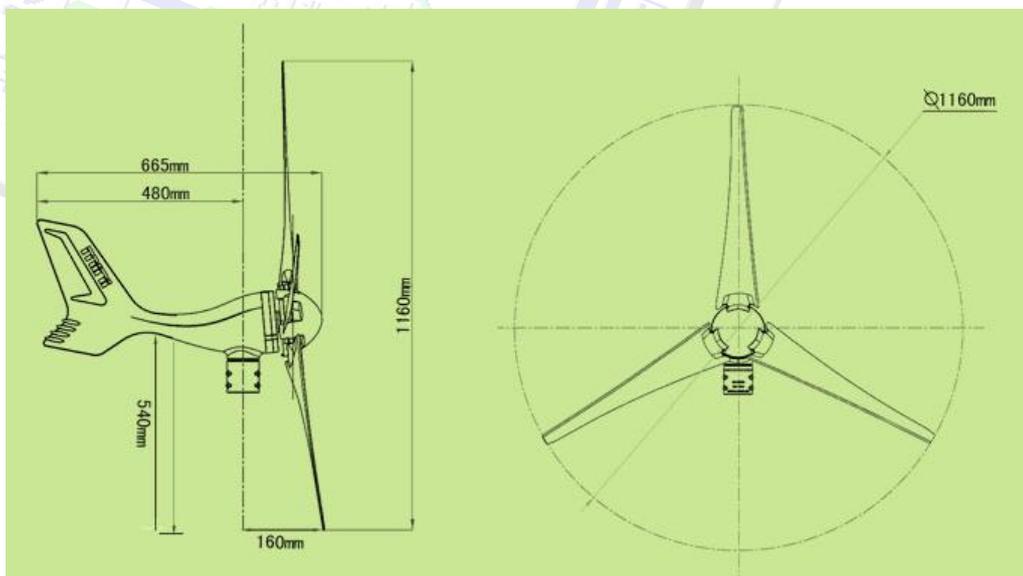
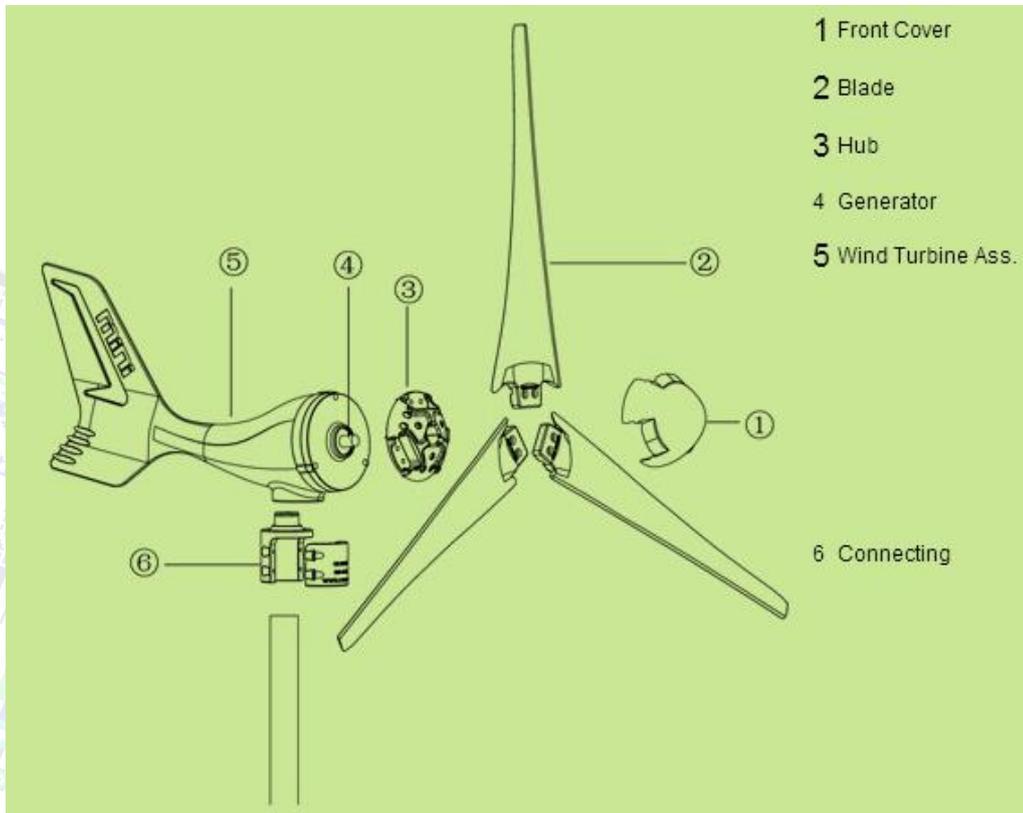
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### MINI 3 WIND TURBINE STRUCTURE DIAGRAM



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**WG5P (ordering code)**



**MINI 5 plus Small Wind Turbine**

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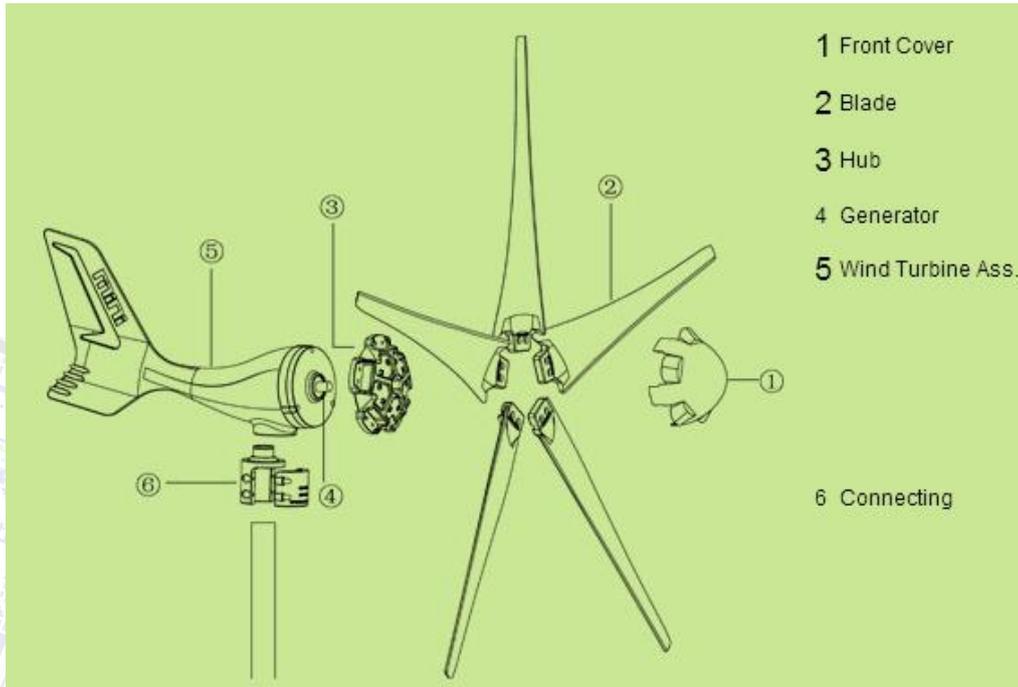
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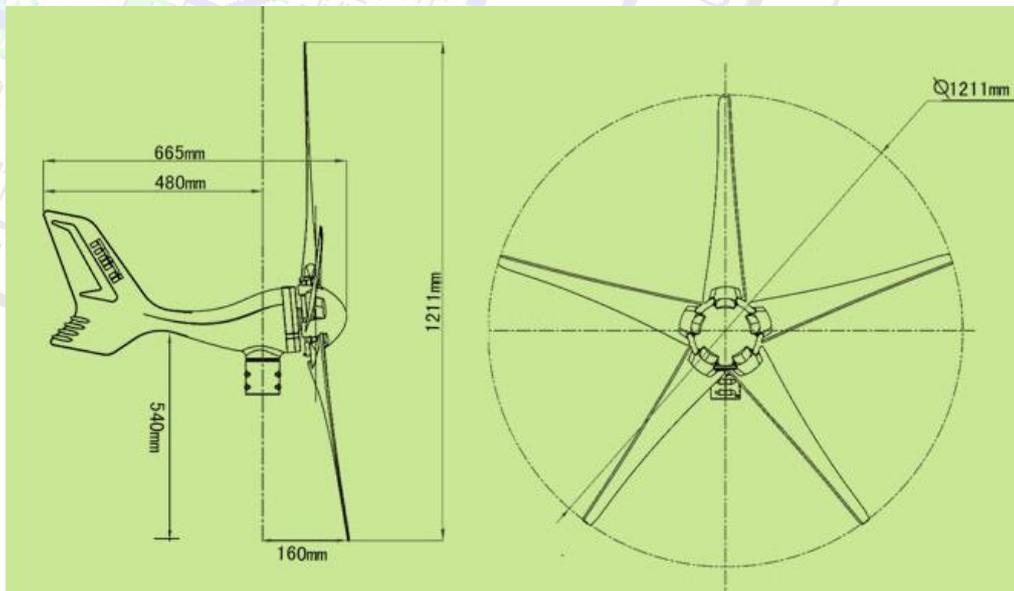
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### MINI 5 WIND TURBINE STRUCTURE DIAGRAM



### MINI 5 WIND TURBINE DIMENSION



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