

WM Series Wind Turbine Specification

Summary :

WM series wind turbine system is include 8 model, they are WM-300,WM-500,WM-1000,WM-2000,WM-3000,WM-5000,WM-10000 and WM-20000; Their controller system compose by controller and dump load .

Features:

- The blades is designed according to the structure and technology of airplane screw propeller ; low noise and high strength.
- Generator adopt the strong permanent magnetic materials,
- Adopt the slip ring output power, so that prevent the cables twisted.
- Special slip ring , so that it can through the big current.
- The latest high technology PWM controller
- Adopt special anti corrosion treatment.

1. WM-500

I .Product Project Picture

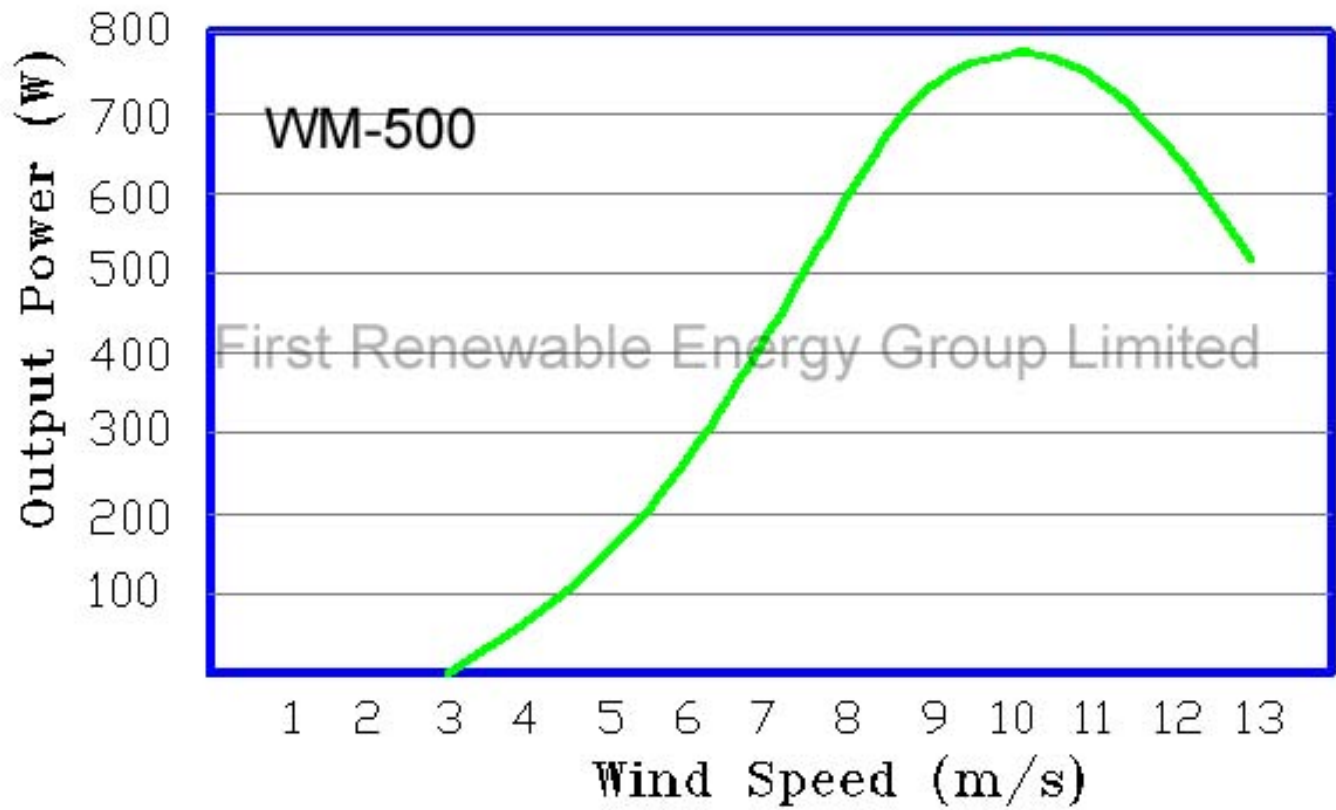


II. Main technical performances

Model	WM-500
Rated power(W)	500
Rotor Diameter (M)	2.5

Rated wind speed (M/S)	8
Startup wind speed (M/S)	3
Working wind speed (M/S)	3 - 25
Working voltage(V)	24V
Material and number of the blades	Reinforced fibber glass*3
Generator style	Three phase, permanent magnet
Speed regulation method	Tail furl
Stop method	Manual electronic brake / Automatic electric brake
Tower height (M)	6

III. Output Power Curve



2. WM-1000

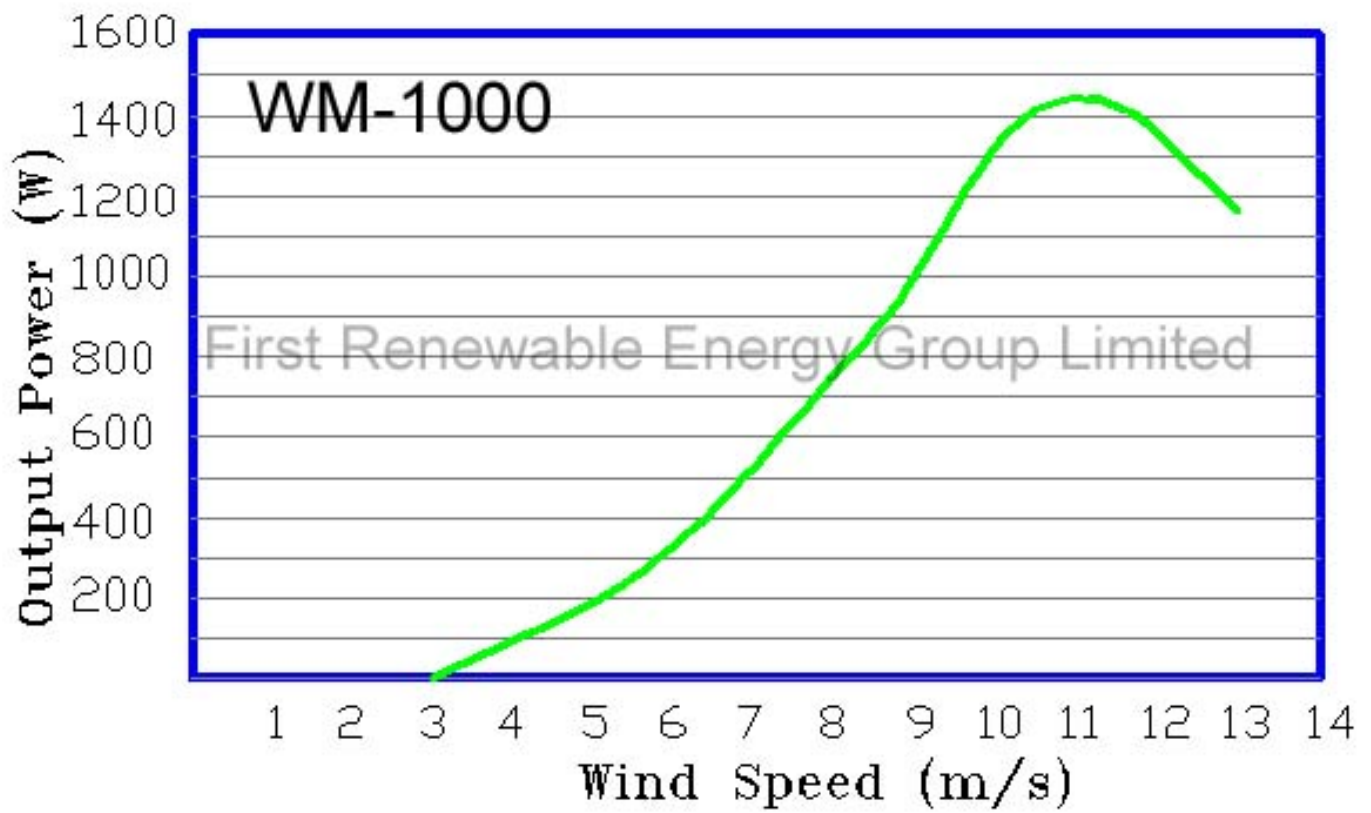
I .Product Project Picture



II. Main technical performances

Model	WM-1000
Rated power(W)	1000
Rotor Diameter (M)	2.8
Rated wind speed (M/S)	9
Startup wind speed (M/S)	3
Working wind speed (M/S)	3 - 25
Working voltage(V)	48V
Material and number of the blades	Reinforced fibber glass*3
Generator style	Three phase, permanent magnet
Speed regulation method	Tail furl
Stop method	Manual electronic brake / Automatic electric brake
Tower height (M)	6

III. Output Power Curve



3. WM-2000

I .Product Project Picture

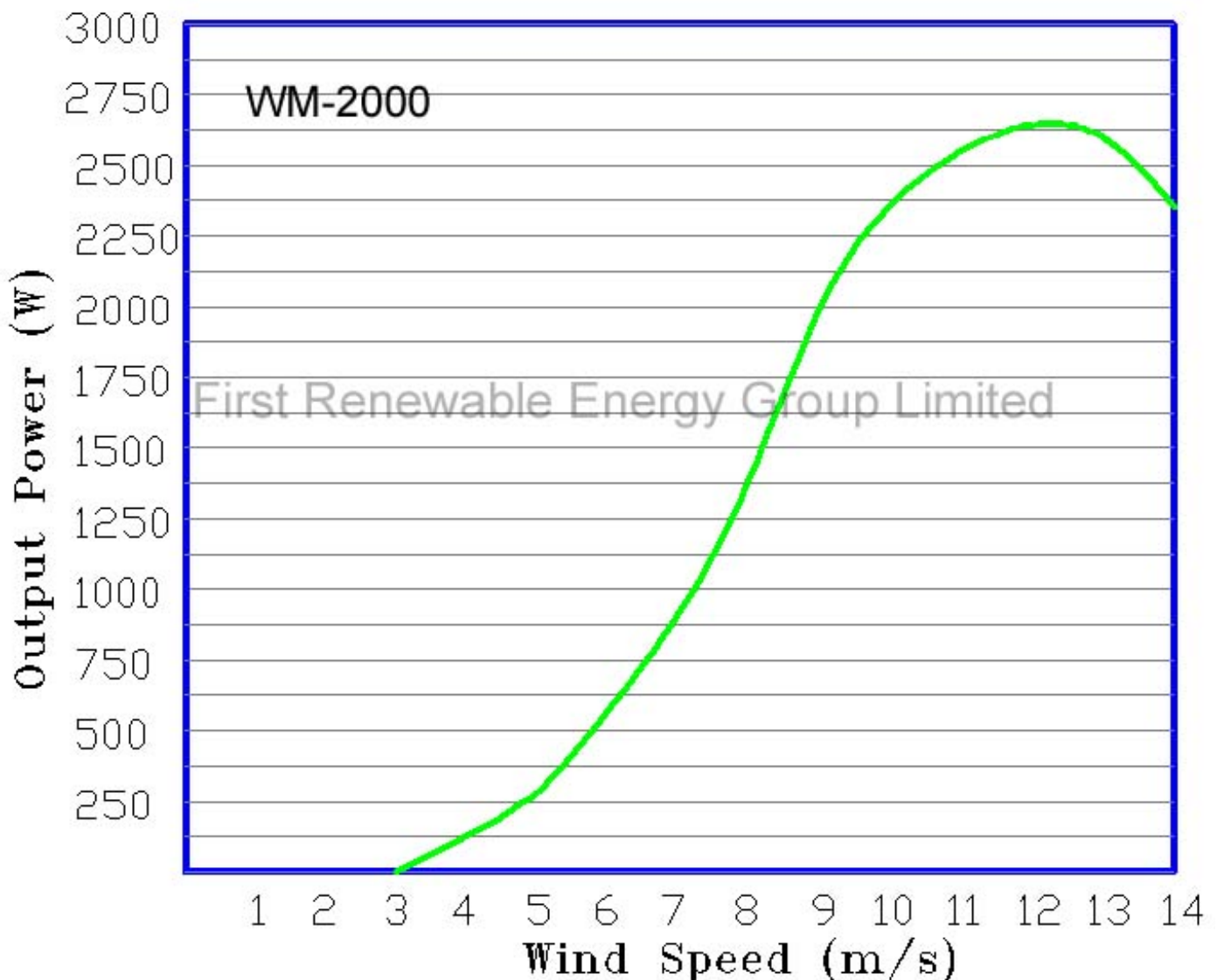


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II. Main technical performances

Model	WM-2000
Rated power(W)	2000
Rotor Diameter (M)	3.2
Rated wind speed (M/S)	9
Startup wind speed (M/S)	3
Working wind speed (M/S)	3 - 25
Working voltage	48V
Material and number of the blades	Reinforced fibber glass*3
Generator style	Three phase, permanent magnet
Speed regulation method	Tail furl / electronic controller
Stop method	Manual electronic brake / Automatic electric brake
Tower height (M)	9

III. Output Power Curve



I .Product Project Picture

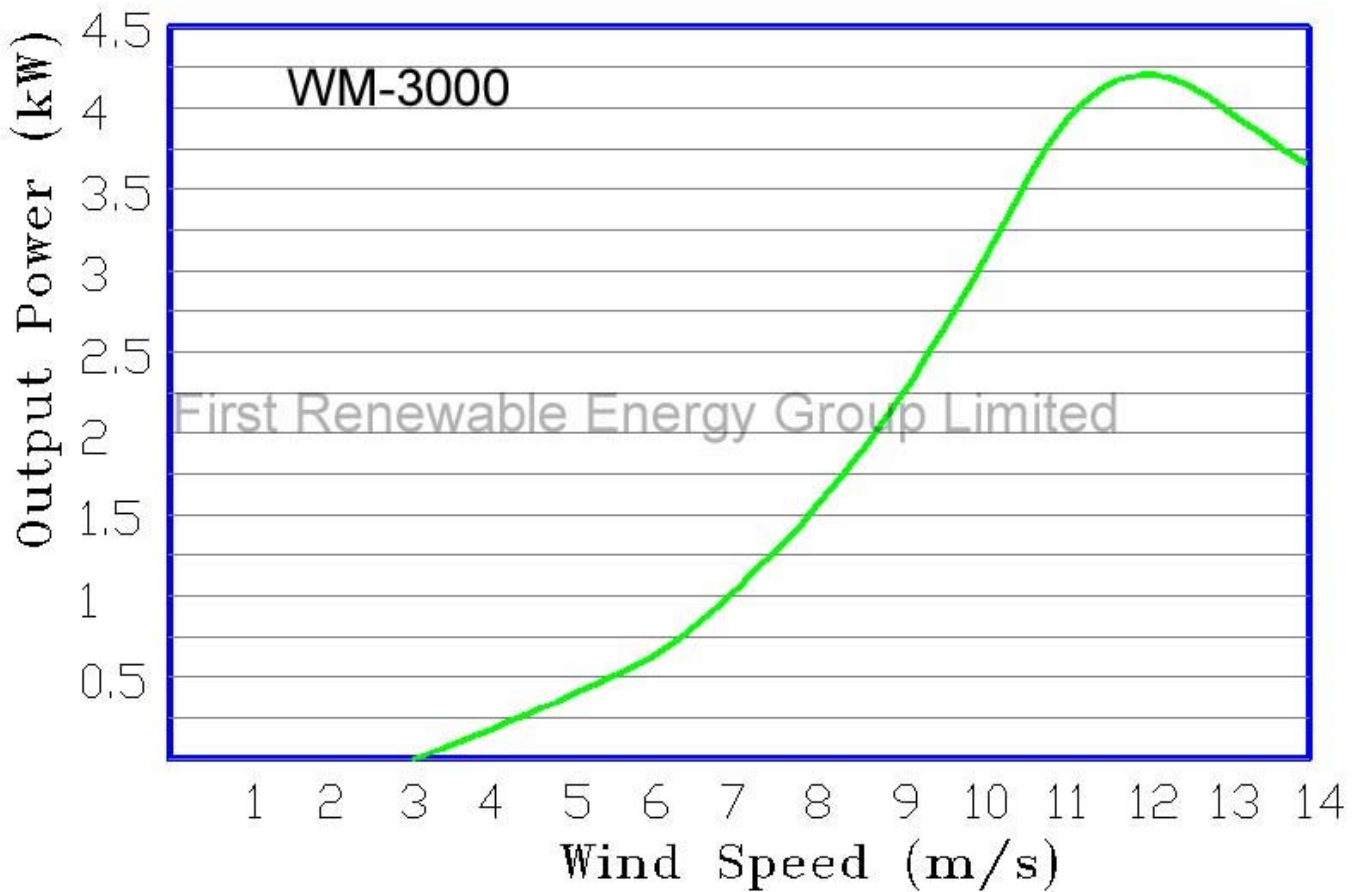


II. Main technical performances

Model	WM-3000
Rated power(W)	3000
Rotor Diameter (M)	4
Rated wind speed (M/S)	10

Startup wind speed (M/S)	3
Working wind speed (M/S)	3 - 25
Working voltage	48V
Material and number of the blades	Reinforced fibber glass*3
Generator style	Three phase, permanent magnet
Speed regulation method	Tail furl / Electronic controller
Stop method	Manual electronic brake / Manual mechanical Brake / Automatic electric brake
Tower height (M)	12

III. Output Power Curve



5. WM-5000

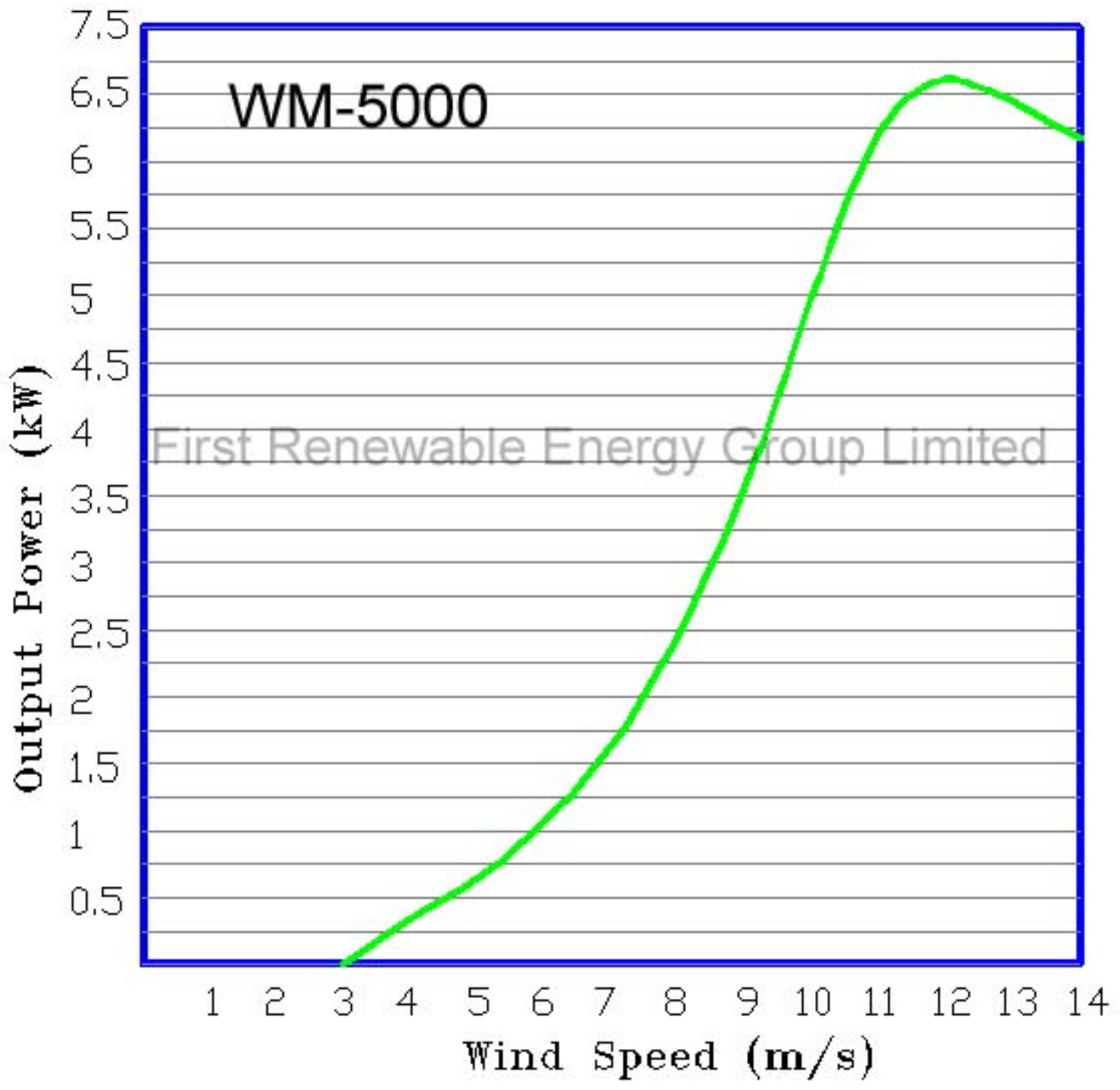
I .Product Project Picture



II. Main technical performances

Model	WM-5000
Rated power(W)	5000
Rotor Diameter (M)	5
Rated wind speed (M/S)	10
Startup wind speed (M/S)	3
Working wind speed (M/S)	3 - 25
Working voltage	48V
Material and number of the blades	Reinforced fibber glass*3
Generator style	Three phase, permanent magnet
Speed regulation method	Tail furl / Electronic controller
Stop method	Manual electronic brake / Manual mechanical Brake / Automatic electric brake
Tower height (M)	12

III. Output Power Curve



6. WM-10000

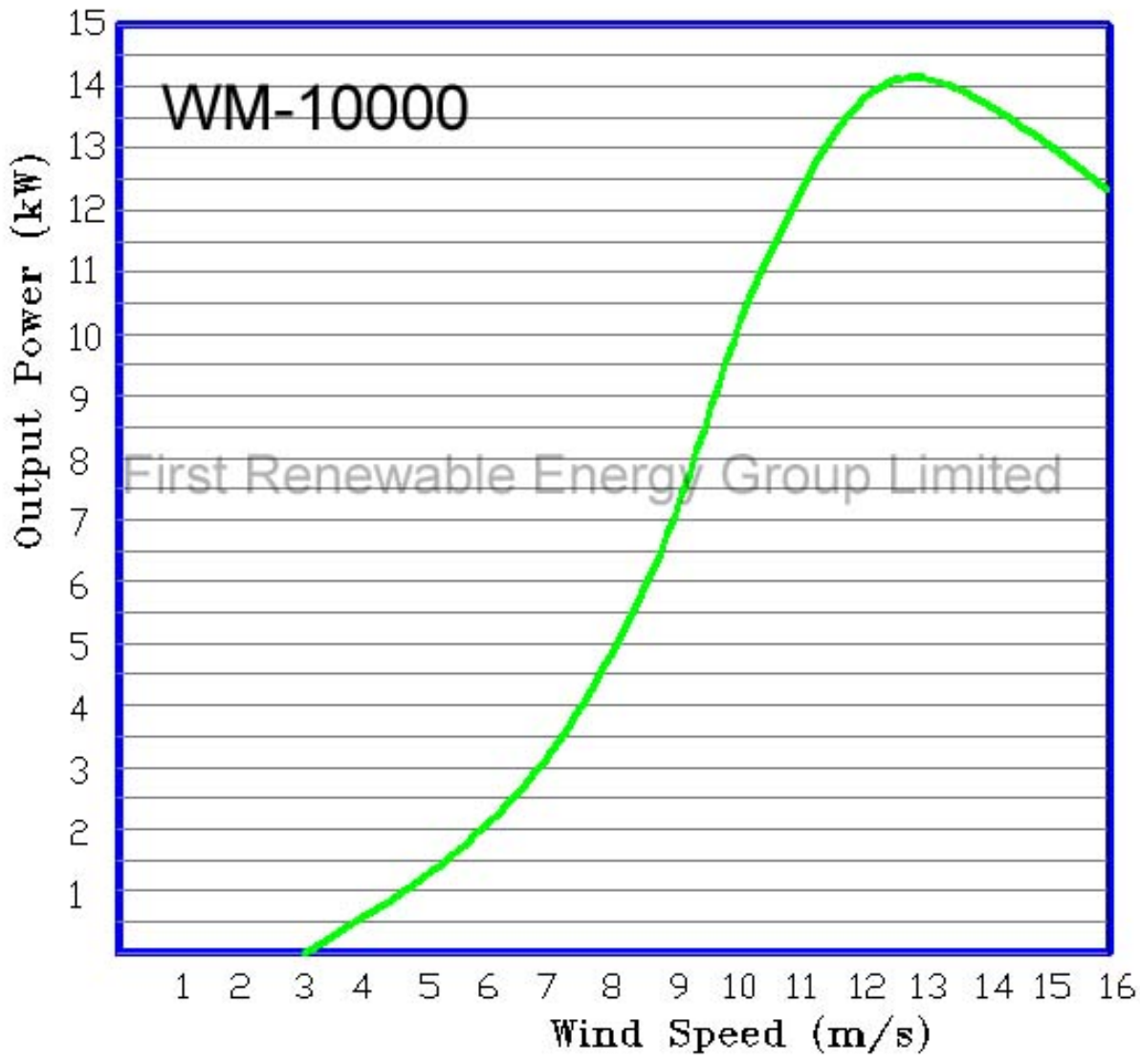
I .Product Project Picture



II. Main technical performances

Model	WM-10000
Rated power(W)	10000
Rotor Diameter (M)	7
Rated wind speed (M/S)	10
Startup wind speed (M/S)	3
Working wind speed (M/S)	3- 25
Working voltage	240V
Material and number of the blades	Reinforced fibber glass*3
Generator style	Three phase, permanent magnet
Speed regulation method	Tail furl / Electronic controller
Stop method	Manual electronic brake / Manual mechanical Brake / Automatic electric brake
Tower height (M)	16

III. Output Power Curve



7. WM-20000

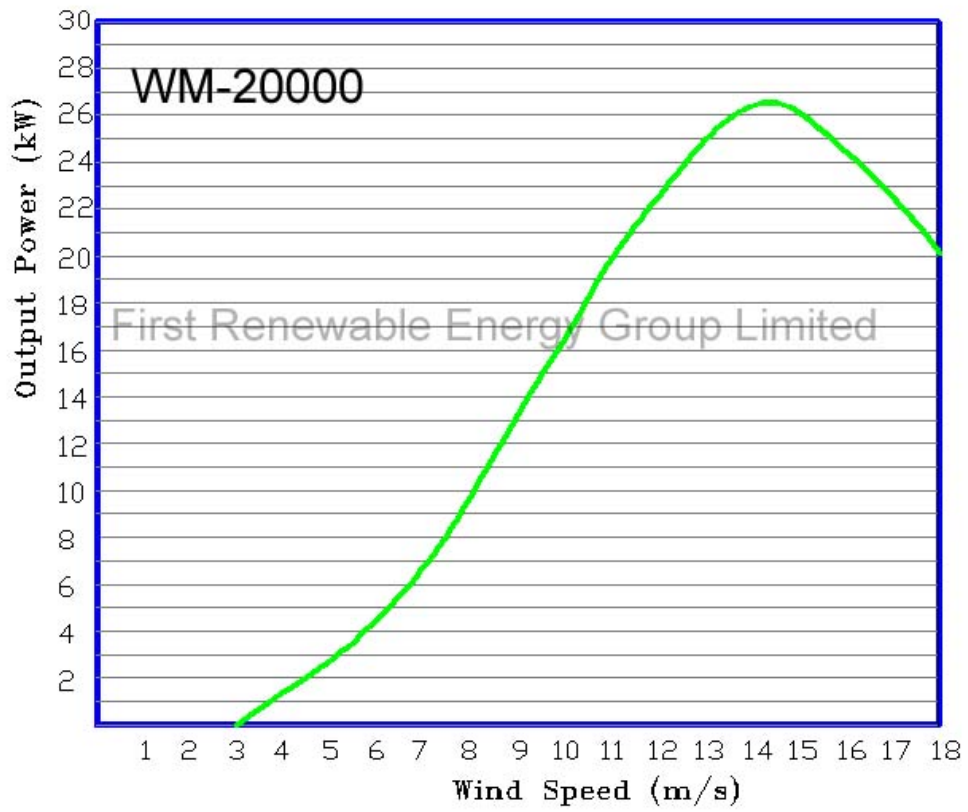
I .Product Project Picture



II. Main technical performances

Model	WM-20000
Rated power(W)	20000
Rotor Diameter (M)	10
Rated wind speed (M/S)	11
Startup wind speed (M/S)	3
Working wind speed (M/S)	3 - 25
Working voltage	480V
Material and number of the blades	Reinforced fibber glass*3
Generator style	Three phase, permanent magnet
Speed regulation method	Tail furl / Electronic controller
Stop method	Manual electronic brake / Manual mechanical Brake / Automatic electric brake
Tower height (M)	18

III. Output Power Curve



Notice: Please refer to us for other voltage, there is no prior notice for any specification changes.