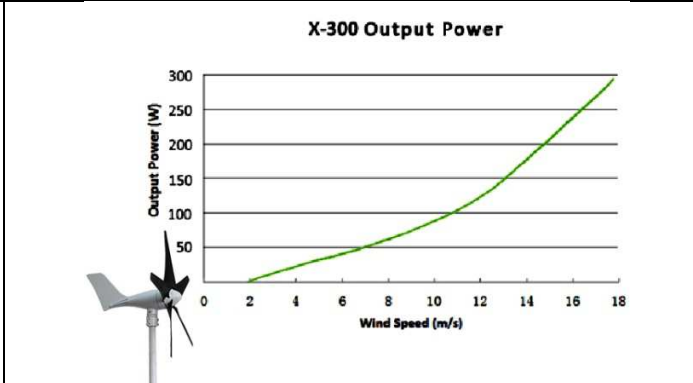


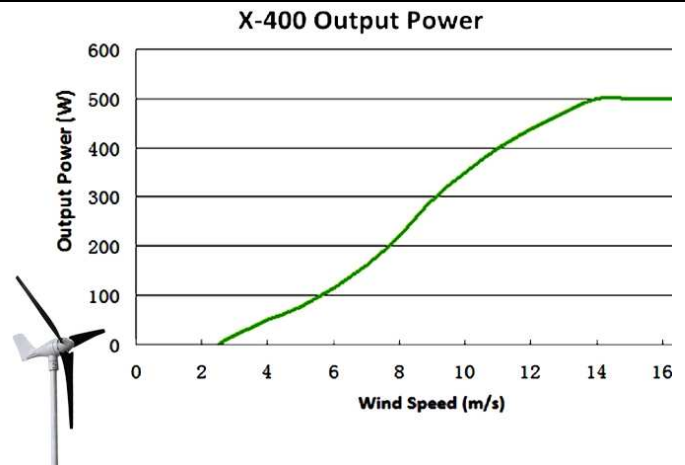
## X 300



Model number	X-300
Wind turbine type	Horizontal axis, up-wind
Rotor diameter	900mm
Net weight	7.8 kg
Tower diameter	48-50 mm
Blades number	5
Blades material	Carbon fiber reinforced plastic
Blades mass	216g /pcs
Body material	Aluminum high pressure diecast
Body construction	Completely one
Product finish	Clamp-based Thermosetting powder coating
Tower connection	bolt-on clamp
Start up wind speed	1.8 m/s
Cut in wind speed	2.5 m/s
Survival wind speed	50m/s
Rated power	100W (11 m/s)
Rated rotor speed	700 rpm
Maximum power	300W (16m/s)
Working temp. range	from -40°C to 60°C
Product life (years)	15
The sound pressure level	LAeq 33dB @ 5m/s @ 5m behind rotor (an air density of 1,225 kg/m <sup>3</sup> )
Generator	Synchronous-type, three-phase power generator with neodymium iron boron magnets
Rated output voltage	Off grid 12V or 24V
Braking system	Electro-magnetic & blade over speed aerodynamic braking system
Yaw control	360 degree free yaw
Direction control	Tail tracing
Control system	Brake mode
	Sfty control
Recommended system	Off grid: deep cycle lead acid battery

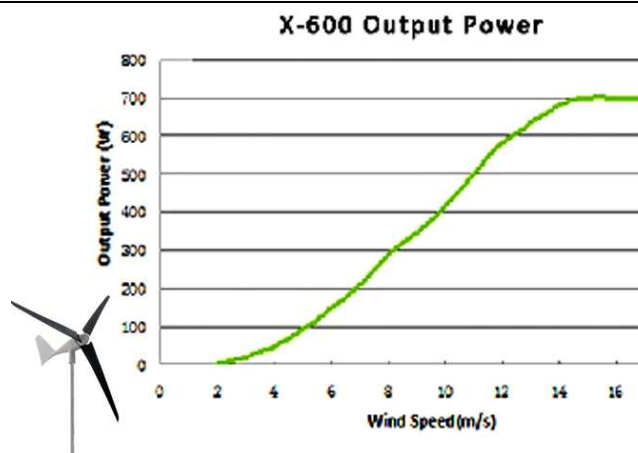
Note: At cut-in wind speed, it produces power, but it requires higher wind speed to charge battery or transfer to grid

## X 400



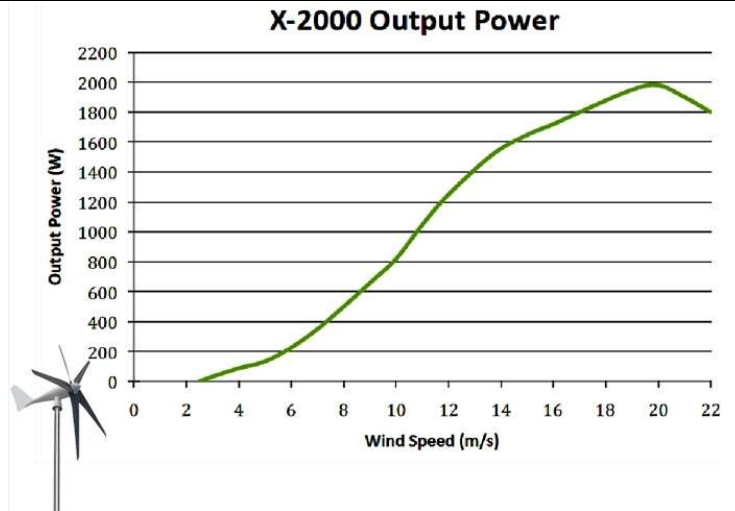
<b>Model</b>	<b>X-400</b>
Rated Power	400 W
Max Power	500 W
Start-up Wind Speed	2,5 m/s
Rated Wind Speed	11 m/s
Survival Wind Speed	45 m/s
Output Voltage	12 V / 24 V DC
Working Wind Speed	2,5 -20 m/s
Rotor Diameter	1,33 m
Material of Blades	Carbon fiber composite
Quantity of Blades	3 pcs
Speed Regulation	Automatically adjust the windward angle
Stop Method	Manual & electromagnetic brake
Range of Working Temperature	-45°C-60°C
Suggested System	12 V, 100Ah
Net Weight /Gross weight/ Packing	7,5 kg/ 10,5 kg/ 76*42*23 cm
Tower Type	48-50 mm diameter guy cable tower/6m

## X 600



<b>Model</b>	<b>X-600</b>
Rated Power	600 W (24V)
Max Power	700 W (24V)
Start-up Wind Speed	2 m/s
Rated Wind Speed	12,5 m/s
Survival Wind Speed	45 m/s
Output Voltage	24 V / 48 V
Working Wind Speed	2.0-20 m/s
Rotor Diameter	1,85 m
Material of Blades	Carbon Fiber Composite
Quantity of Blades	3 pcs
Speed Regulation	Automatically adjust the windward angle
Stop Method	Manual & electromagnetic brake
Range of Working Temperature	-45°C-60°C
Suggested System	12 V , 120 Ah
Net Weight /Gross weight/ Packing	15 kg /18 kg/ 98*56*26cm
Tower Type	Guy cable tower/6m

## X 2000



<b>Model</b>	<b>X-2000</b>
Rated Power	1500 W
Max Power	2000 W
Start-up Wind Speed	1,8 m/s
Rated Wind Speed	13 m/s
Survival Wind Speed	50 m/s
Output Voltage	48 V
Working Wind Speed	2 -20 m/s
Rotor Diameter	1,90 m
Material of Blades	Carbon Fiber Composite
Quantity of Blades	5 pcs
Speed Regulation	Automatically adjust the windward angle
Stop Method	Manual & electromagnetic brake
Range of Working Temperature	-45°C –60°C
Suggested System	Off grid (48 V)
Net Weight /Gross weight/ Packing	24.5 kg /28 kg/ 111*61*28 cm
Tower Type	Guy cable tower or free standing pole/6m