

Wind Kids Series Wind Turbine Specification

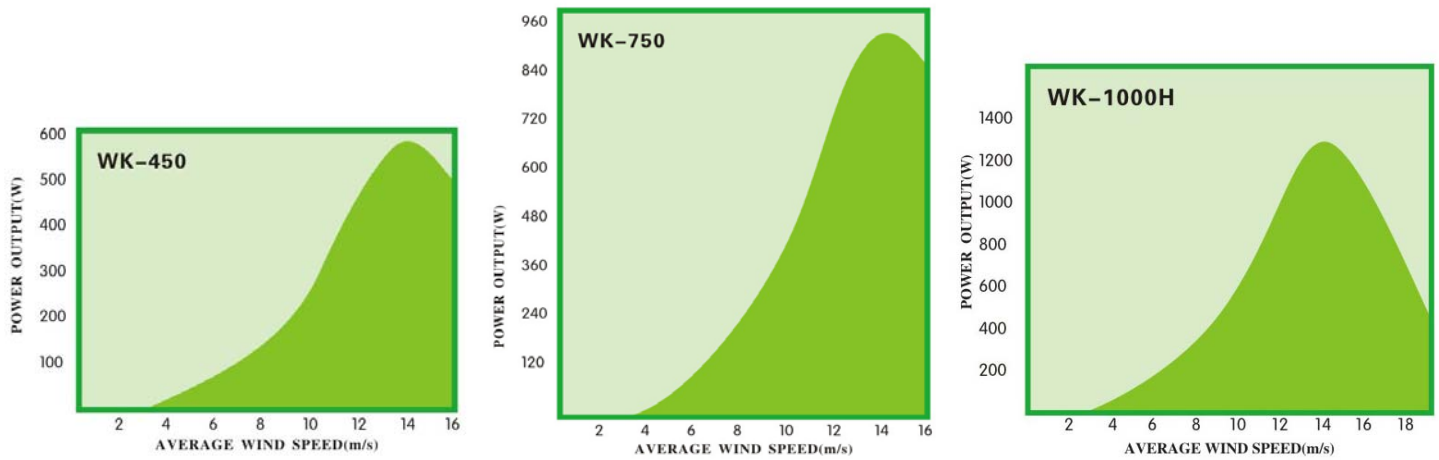
Features:

- High quality NdFeB permanent magnet
- High quality and high strength aluminum alloy to ensure light weight and easy installation
- Blades adopt fiber-glass reinforced plastics
- Blades made by precision injection molding process to ensure balance
- The control system composes by controller and dump load to ensure the turbine operate
- The control system is with built-in wind power and solar power input function
- LCD control system display, easy to read and understand
- Three reliable over-speed protection methods
The connection is easy and convenient connecting terminal
- PWM power charging method

Project Picture



Power Curve



Technical Parameter

Model	WK-450	WK-750	WK-1000H
Rated Power(W)	450	750	1000
Rotor Diameter (M)	1.4	1.8	2.12
Rated Wind Speed (M/S)	12	12	12
Startup Wind Speed (M/S)	2.3	2.3	2.8
Standard Working Voltage(V)	DC 12V/24V	DC 24 / 48V	DC 48V
Custom-made Working Voltage(V)	More than 12V or On-grid System	More than 24V or On-grid System	More than 24V or On-grid System
Blade Material	Nylon+Reinforced Fiber Glass, Adopt injection molding		
Number of Blades(PCS)	3 or 5		
Generator Style	Three Phase Permanent Magnet AC Generator		
Magnet Style	NdFeB		
Over-speed Protection	Stall Control+ blade aerodynamic elastic +Electronic Dump load		
Stop Method	Manual Electronic Brake / Automatic Electronic Brake		
Charge Controller	Hybrid Solar-Wind Charge Controller, LCD display, PWM Charger		
Solar Power (W)	150	250	300
Tower Height (M)	6M(Standard) or Custom-made		

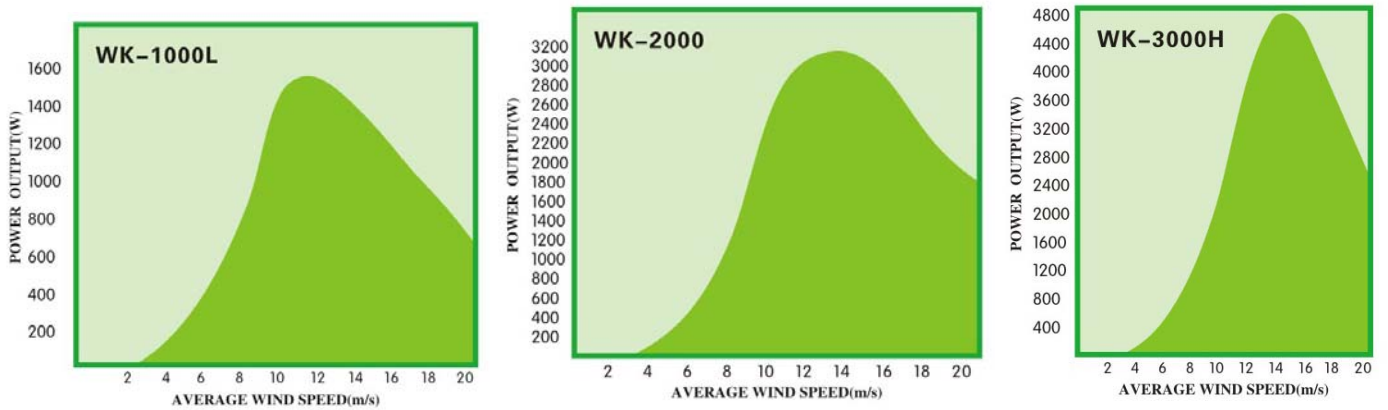
Notice:

1. The solar power can custom-made according to the requirement . Please confirm it with us;
2. The difference of WK-1000L,WK-2000 and WK-3000H is their sizes. The appearance is the same

Project Picture



Power Curve



Technical Parameter

Model	WK-1000L	WK-2000	WK-3000H
Rated Power(W)	1000	2000	3000
Rotor Diameter (M)	2.8	3.2	4
Rated Wind Speed (M/S)	9	10	11
Startup Wind Speed (M/S)	3	3	3
Standard Working Voltage(V)	DC 48V	DC 48V	DC 240V
Custom-made Working Voltage(V)	24V or More than 48V or On-grid System	24V or More than 48V or On-grid System	More than 48V or On-grid System
Blade Material	Reinforced Fiber Glass		
Number of Blades(PCS)	3		
Generator Style	Three Phase Permanent Magnet AC Generator		
Magnet Style	NdFeB		
Over-speed Protection	Electronic Dump load		
Stop Method	Manual Electronic Brake / Automatic Electronic Brake		
Tower Height (M)	6M(Standard) or Custom-made	9M(Standard) or Custom-made	12M(Standard) or Custom-made

Notice:

1. The solar power can custom-made according to the requirement . Please confirm it with us;
2. The difference of WK-1000L,WK-2000 and WK-3000H is their sizes. The appearance is the same

Wind Hunter Series Wind Turbine Specification

Features:

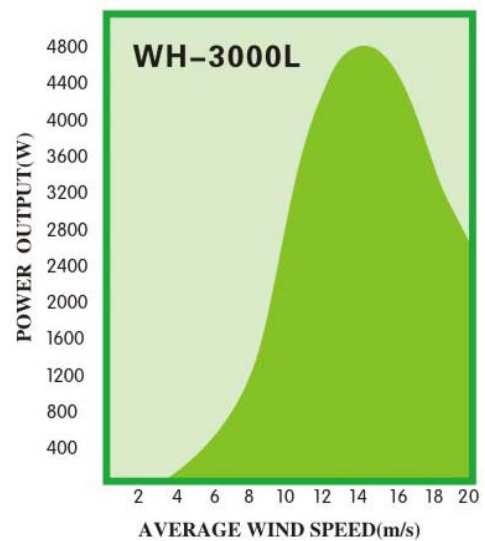
- Blade design according to the structure and technology of airplane propeller, low noise and high strength
- Generator adopt NdFeB strong permanent magnetic materials

- Adopt slip ring for output, to prevent the cables twisted
- Special slip ring can allow big current
- Newest high technology PWM controller
- Special anti-corrosion treatment

Product Project Picture



Power Curve



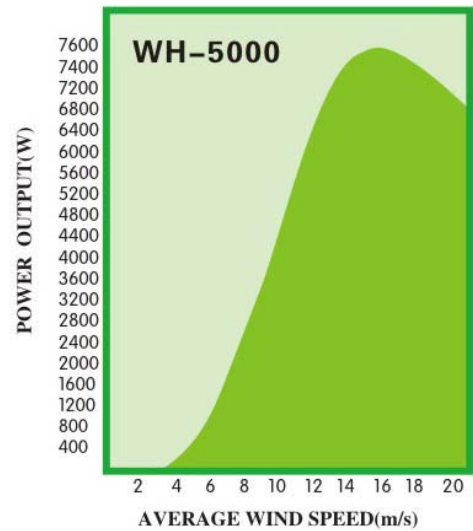
Technical Parameter

Model	WH-3000L
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
Standard Working Voltage(V)	DC 48V
Custom-made Working Voltage(V)	More Than 48V or On-grid System
Blade Material	Reinforced Fiber Glass
Number of Blades(PCS)	3
Generator Style	Three Phase Permanent Magnet AC Generator
Magnet Style	NdFeB
Over-speed Protection	Offset Axis and Tail Furling
Stop Method	Manual Electronic Brake / Automatic Electronic Brake/ Manual Mechanical Brake
Tower Height (M)	12M(Standard) or Custom-made

Product Project Picture



Power Curve



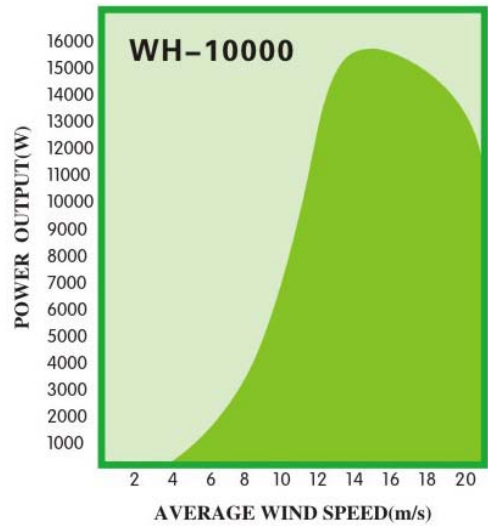
Technical Parameter

Model	WH-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
Standard Working Voltage(V)	DC 48V
Custom-made Working Voltage(V)	More Than 48V or On-grid System
Blade Material	Reinforced Fiber Glass
Number of Blades(PCS)	3
Generator Style	Three Phase Permanent Magnet AC Generator
Magnet Style	NdFeB
Over-speed Protection	Offset Axis and Tail Furling
Stop Method	Manual Electronic Brake / Automatic Electronic Brake/ Manual Mechanical Brake
Tower Height (M)	12M(Standard) or Custom-made

Product Project Picture



Power Curve



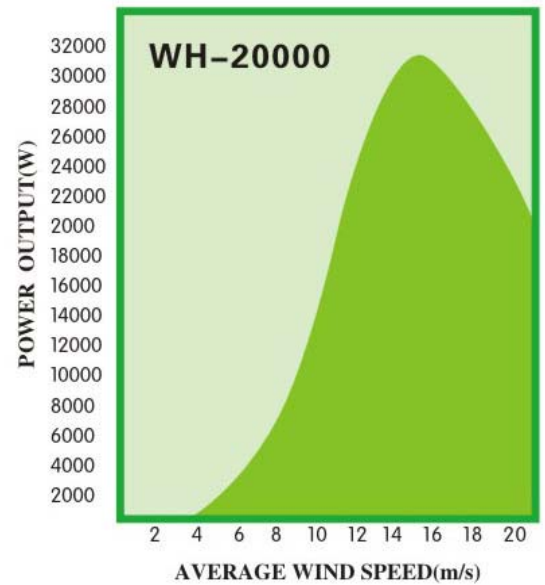
Technical Parameter

Model	WH-10000
Rated Power(W)	10000
Rotor Diameter (M)	8
Rated Wind Speed (M/S)	11
Startup Wind Speed (M/S)	3
Working Wind Speed (M/S)	3 - 25
Standard Working Voltage(V)	DC 240V
Custom-made Working Voltage(V)	More than 240V or On-grid System
Blade Material	Reinforced Fiber Glass
Number of Blades(PCS)	3
Generator Style	Three Phase Permanent Magnet AC Generator
Magnet Style	NdFeB
Over-speed Protection	Offset Axis and Tail Furling
Stop Method	Manual Electronic Brake / Automatic Electronic Brake/ Manual Mechanical Brake
Tower Height (M)	16M(Standard) or Custom-made

Product Project Picture



Power Curve



Technical Parameter

Model	WH-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
Standard Working Voltage(V)	DC 480V
Custom-made Working Voltage(V)	360V/More Than 360V or On-grid System
Blade Material	Reinforced Fiber Glass
Number of Blades(PCS)	3
Generator Style	Three Phase Permanent Magnet AC Generator
Magnet Style	NdFeB
Over-speed Protection	Offset Axis and Tail Furling
Stop method	Manual Electronic Brake / Automatic Electronic Brake/ Manual Mechanical Brake
Tower height (M)	18M (Standard) Or Custom-made

NOTICE:

Specifications are Subject to change without prior notice.