




## 50W Wind Turbine

Model	WS50	
Rated power	50W	
Maximum power	70W	
Nominal voltage	24V	
Start wind speed	1.2m/s	
Rated wind speed	10m/s	
Rated revolution	300r/m	
Weight	4kg	
Diameter	155mm	
Height	0.8m	
Blades number	2	
Blade material	Glass fiber reinforced plastics	
Generator	Three-phase permanent magnet synchronous generator.	
Controller system	Electromagnetic/wind round lateralization.	
Speed way	Automatically adjust the windward angle.	

### Controller



High efficiency constant current driver, automatic operation from dusk to dawn or timed ON/OFF operation.  
Protection functions: Anti-Over-charge, Over-discharge, extend battery life and reduce maintenance.



# 100W Wind Turbine

Model	WS100
Rated power	100W
Maximum power	150W
Nominal voltage	24V
Start wind speed	1.2m/s
Rated wind speed	10m/s
Rated revolution	200r/m
Weight	9 kg
Diameter	500mm
Height	1.2m
Blades number	2
Blade material	Glass fiber reinforced plastics
Generator	Three-phase permanent magnet synchronous generator.
Controller system	Electromagnetic/wind round lateralization.
Speed way	Automatically adjust the windward angle.





## Controller



High efficiency constant current driver, automatic operation from dusk to dawn or timed ON/OFF operation.  
 Protection functions: Anti-Over-charge, Over-discharge, extend battery life and reduce maintenance.




## 200W Wind Turbine

Model	WS200	
Rated power	200W	
Maximum power	260W	
Nominal voltage	24V	
Start wind speed	1.2m/s	
Rated wind speed	10m/s	
Rated revolution	200r/m	
Weight	12 kg	
Diameter	550mm	
Height	1.5m	
Blades number	2	
Blade material	Glass fiber reinforced plastics	
Generator	Three-phase permanent magnet synchronous generator.	
Controller system	Electromagnetic/wind round lateralization.	
Speed way	Automatically adjust the windward angle.	
<b>Controller</b>		
	<p>High efficiency constant current driver, automatic operation from dusk to dawn or timed ON/OFF operation.</p> <p>Protection functions: Anti-Over-charge, Over-discharge, extend battery life and reduce maintenance.</p>	



## 300W Wind Turbine

Model	WS300	
Rated power	300W	
Maximum power	400W	
Nominal voltage	24V	
Start wind speed	1.2m/s	
Rated wind speed	10m/s	
Rated revolution	200r/m	
Weight	12 kg	
Diameter	550mm	
Height	1.5m	
Blades number	2	
Blade material	Glass fiber reinforced plastics	
Generator	Three-phase permanent magnet synchronous generator.	
Controller system	Electromagnetic/wind round lateralization.	
Speed way	Automatically adjust the windward angle.	


### Controller



High efficiency constant current driver, automatic operation from dusk to dawn or timed ON/OFF operation.  
Protection functions: Anti-Over-charge, Over-discharge, extend battery life and reduce maintenance.



## 400W Wind Turbine

Model	WS400	
Rated power	400W	
Maximum power	580W	
Nominal voltage	24V	
Start wind speed	2 m/s	
Rated wind speed	10m/s	
Rated revolution	300r/m	
Weight	20 kg	
Diameter	680mm	
Height	1.8m	
Blades number	2	
Blade material	Glass fiber reinforced plastics	
Generator	Three-phase permanent magnet synchronous generator.	
Controller system	Electromagnetic/wind round lateralization.	
Speed way	Automatically adjust the windward angle.	


### Controller



High efficiency constant current driver, automatic operation from dusk to dawn or timed ON/OFF operation.  
Protection functions: Anti-Over-charge, Over-discharge, extend battery life and reduce maintenance.



## 500W Wind Turbine

Model	WS500	
Rated power	500W	
Maximum power	700W	
Nominal voltage	24V	
Start wind speed	2.2m/s	
Rated wind speed	12m/s	
Rated revolution	200r/m	
Weight	20 kg	
Diameter	680mm	
Height	1.8m	
Blades number	2	
Blade material	Glass fiber reinforced plastics	
Generator	Three-phase permanent magnet synchronous generator.	
Controller system	Electromagnetic/wind round lateralization.	
Speed way	Automatically adjust the windward angle.	

### Controller



High efficiency constant current driver, automatic operation from dusk to dawn or timed ON/OFF operation.  
Protection functions: Anti-Over-charge, Over-discharge, extend battery life and reduce maintenance.

