
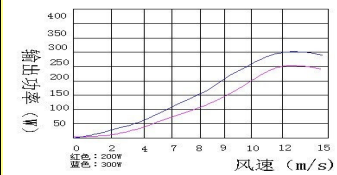
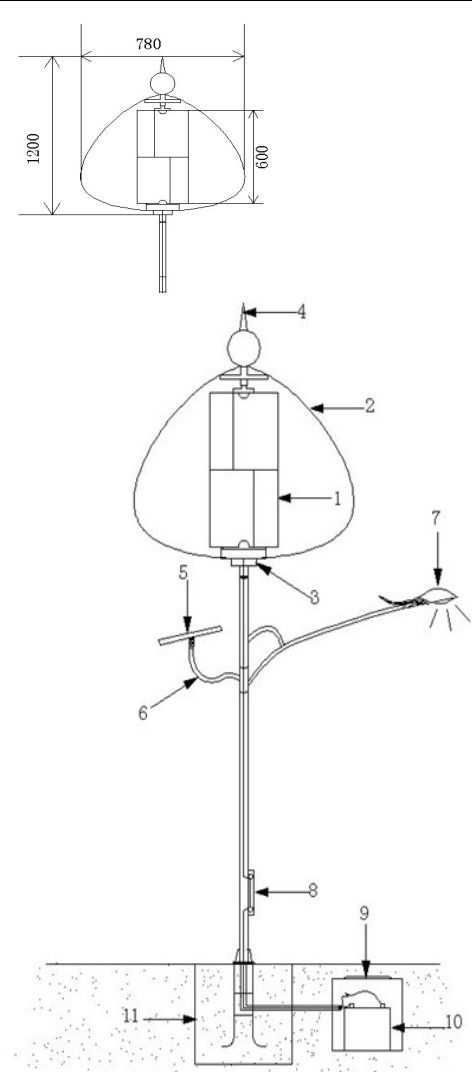


## Hybrid Vertical Axis Wind / PV Street Lighting - Wholesale Prices

### S type Vertical axis Mini Wind Turbine

Wind Turbine Parts	Model	SD-200W	SD-300W	Drawing and Remarks (mm)	BOM Description	Whole System Construction
 <p><b>Wind Generator Part</b> (Output Feature Chart)</p> 	Name	S TYPE	S TYPE			
	Rated power	200W	300W			
	Rated DC voltage	AC 12V or AC 24V	AC 12V or AC 24V			
	Max power	300W	400W			
	Blade material	Aluminum alloy	Aluminum alloy			
	Maximum wind speed	≤35m/s	≤35m/s			
	Number of blade	6 pcs	6 pcs			
	Starting wind speed	1.50m/s	1.50m/s			
	Cut-in wind speed	2.5m/s	2.5m/s			
	Cut-out wind speed	15m/s	15m/s			
	Security wind speed	40m/s	40m/s			
	Instant Max wind speed	≤50m/s	≤50m/s			
	Rated wind speed	12m/s	12m/s			
	Over-speed wind protection	Electromagnetic brake	Electromagnetic brake			
	Rotor diameter	320mm	320mm			
	Working temperature	(-20□+85□)	(-20□+85□)			
	Working humidity	≤90%	≤90%			
	Altitude available	≤4500m □ Rated Power altitude is 1000meters)	≤4500m □ Rated Power altitude is 1000meters)			
	Life span	15 years	15 years			
	Equipment surface protection	Galvanization plastic coating	Galvanization plastic coating			
	Installation Height(m)	3.5meters~13meters	3.5meters~13meters			
	Net Weight:	7.50kgs	8.50kgs			
	Packing material	Wooden case and foam	Wooden case and foam			
	packing dimension	1400*800*800mm	1400*800*800mm			
	G.W.	35kg	36kg			
<b>Input Wind Speed</b>	<b>Output Power</b>	<b>Output Power</b>				
2.5m/s	1.50W	2.25W				
4.0m/s	10.0W	15.0W				
7.0m/s	80.0W	120.0W				
8.0m/s	100.0W	150.0W				
9.0m/s	150.0W	225.0W				
10.0m/s	200.0W	300.0W				
12.0m/s	250.0W	375.0W				
15.0m/s	300.0W	400.0W				
<b>Tower Parts(Optional)</b>	Tower height	6m	6m		<b>Total Price (FOB Factory):</b>	<b>\$3,868.00</b>
	Packing material	Wooden case and foam material	Wooden case and foam material			
	G.W.	100kg	100kg			
<b>Controller (Optional)</b>	Controller	12/24V 20A	12/24V 20A			
	G.W.	2.5kg	2.5kg			
<b>Solar PV Module(Optional)</b>	Type	120Wp	120Wp			
	G.W.	12.00kg	12.00kg			

- |                                 |                                 |
|---------------------------------|---------------------------------|
| 1. Wind Turbine Blade           | 1) Wind Turbine Generator 300W  |
| 2. Support Metal Frame          | 2) Wind Controller              |
| 3. Grill type Generator         | 3) Solar PV Panel 120Wp 24V     |
| 4. Lightning Rod                | 4) Solar Panel support brackets |
| 5. Solar Panel                  | 5) Solar Controller             |
| 6. Solar Panel support brackets | 6) LED Street Light             |
| 7. LED Street Light             | 7) Lead Acid Battery 12V 100Ah  |
| 8. Wind & Solar Hybrid          | 8) Battery Casing               |
| 9. Activities cover for battery | 9) Cable wires and breakers     |
| 10. Battery                     | 10) Concreat metal cage with    |
| 11. Concrete base               | 11) Wind & solar hybrid street  |

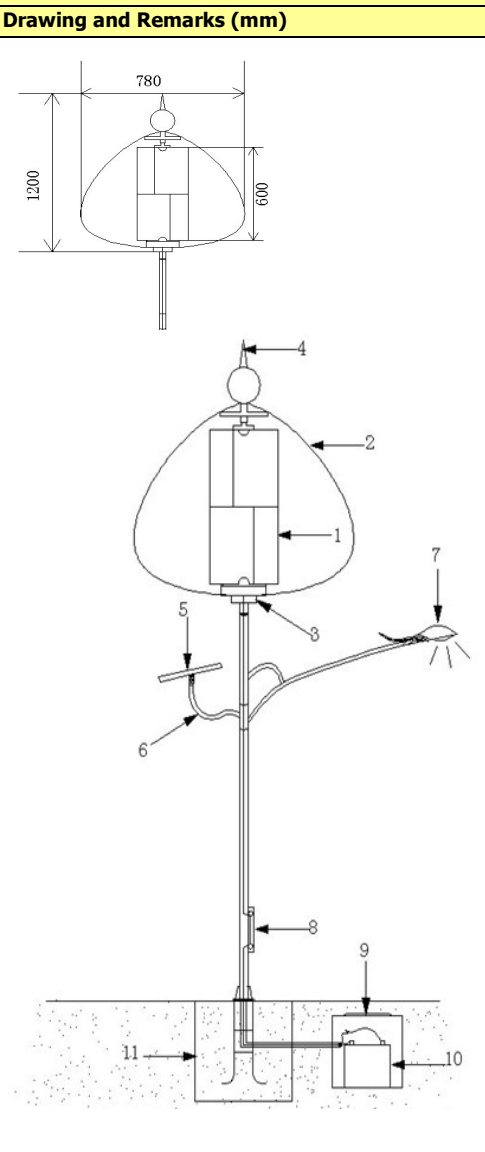
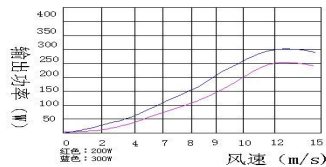
Rainbow Vertical axis Mini Wind Turbine



Wind Generator Part  
(Output Feature Chart)

Model	SR-200W	SR-300W
Name	Rainbow	Rainbow
Rated power	200W	300W
Rated DC voltage	AC 12V or AC 24V	AC 12V or AC 24V
Max power	300W	400W
Blade material	Aluminum alloy	Aluminum alloy
Maximum wind speed	≤35m/s	≤35m/s
Number of blade	12 pcs	12 pcs
Starting wind speed	1.50m/s	1.50m/s
Cut-in wind speed	2.5m/s	2.5m/s
Cut-out wind speed	15m/s	15m/s
Security wind speed	40m/s	40m/s
Instant Max wind speed	≤50m/s	≤50m/s
Rated wind speed	12m/s	12m/s
Over-speed wind protection	Electromagnetic brake	Electromagnetic brake
Rotor diameter	320mm	320mm
Working temperature	(-20□+85□)	(-20□+85□)
Working humidity	≤90%	≤90%
Altitude available	≤4500m □ Rated Power altitude is 1000meters)	≤4500m □ Rated Power altitude is 1000meters)
Life span	15 years	15 years
Equipment surface protection	Galvanization plastic coating	Galvanization plastic coating
Installation Height(m)	3.5meters~13meters	3.5meters~13meters
Net Weight:	8.00kgs	9.00kgs
Packing material	Wooden case and foam	Wooden case and foam
packing dimension	1400*800*800mm	1400*800*800mm
G.W.	36kg	37kg

Input Wind Speed	Output Power	Output Power
2.5m/s	1.50W	2.25W
4.0m/s	10.0W	15.0W
7.0m/s	80.0W	120.0W
8.0m/s	100.0W	150.0W
9.0m/s	150.0W	225.0W
10.0m/s	200.0W	300.0W
12.0m/s	250.0W	375.0W
15.0m/s	300.0W	400.0W



BOM Description	Whole system construction
1. Wind Turbine Blade	1) Wind Turbine Generator 300W
2. Support Metal Frame	2) Wind Controller
3. Grill type Generator	3) Solar PV Panel 120Wp 24V
4. Lightning Rod	4) Solar Panel support brackets
5. Solar Panel	5) Solar Controller
6. Solar Panel support brackets	6) LED Street Light
7. LED Street Light	7) Lead Acid Battery 12V 100Ah
8. Wind & Solar Hybrid	8) Battery Casing
9. Activities cover for battery	9) Cable wires and breakers
10. Battery	10) Concreat metal cage with
11. Concrete base	11) Wind & solar hybrid street

Tower Parts(Optional)	SR-200W	SR-300W
Tower height	6m	6m
Packing material	Wooden case and foam material	Wooden case and foam material
G.W.	100kg	100kg
Controller (Optional)	Controller	Controller
G.W.	2.5kg	2.5kg
Solar PV Module(Optional)	Type	Type
G.W.	11.00kg	11.00kg

Tower Parts(Optional)	SR-200W	SR-300W
Tower height	6m	6m
Packing material	Wooden case and foam material	Wooden case and foam material
G.W.	100kg	100kg
Controller (Optional)	Controller	Controller
G.W.	2.5kg	2.5kg
Solar PV Module(Optional)	Type	Type
G.W.	11.00kg	11.00kg

Tower Parts(Optional)	SR-200W	SR-300W
Tower height	6m	6m
Packing material	Wooden case and foam material	Wooden case and foam material
G.W.	100kg	100kg
Controller (Optional)	Controller	Controller
G.W.	2.5kg	2.5kg
Solar PV Module(Optional)	Type	Type
G.W.	11.00kg	11.00kg

Tower Parts(Optional)	SR-200W	SR-300W
Tower height	6m	6m
Packing material	Wooden case and foam material	Wooden case and foam material
G.W.	100kg	100kg
Controller (Optional)	Controller	Controller
G.W.	2.5kg	2.5kg
Solar PV Module(Optional)	Type	Type
G.W.	11.00kg	11.00kg

**Total Price (FOB Factory): \$3,824.00**