

# SolarPanel.ca



Alternative Energy Solutions  
 From People Who live Off-Grid  
 1-866-892-0132

## Cyclone Wind Turbine



<u>Model</u>	<u>300W</u>	<u>500W</u>	<u>1000W</u>	<u>2000W</u>	<u>3000W</u>
Generator: Permanent Magnet, 3-Phase, AC	yes	yes	yes	yes	yes
Rated output (watts)	300	500	1000	2000	3000
Max output (watts)	550	1000	2000	2800	3800
Wind turbine AC voltages: 3-Phase outputs	12/24	12/24/48	12/24/48	48	48
RPM @ rated output	400	380	360	230	220
Rated output DC voltage from the controller	12/24 VDC	12/24 VDC	12/24/48 VDC	48 VDC	48 VDC
Power Transfer	Cable Twist	Cable Twist	Cable Twist	Cable Twist	Cable Twist
Blade Number	3	3	3	3	3
Blade Material: Reinforced fiber Glass epoxy	yes	yes	yes	yes	yes
Rotor Diameter (meters)	2.2	2.4	2.8	4	5
Resistant Max speed M/S	39	39	39	39	39
Resistant Max speed: KPH	140	140	140	140	140
Resistant Max speed: MPH	87	87	87	87	87
Cut-in speed: MPH	6.7	6.7	7.8	7.8	7.8
Cut-in speed: M/S	3	3	3.5	3.5	3.5
cut-in speed: KPH	10.8	10.8	12.6	12.6	12.6
Rated output speed: M/S	8	8	9	10	10
Rated output speed: KPH	28.8	28.8	32.4	36	36
Rated output speed: MPH	17.89	17.89	20.13	22.36	22.36
Total weight/windmill, (blades, tail, etc, no tow	48	58	67	229	263
Total weight/windmill, (blades, tail, etc, no tow	107	127	149	504	579
Warranty: Free parts	5 year	5 year	5 year	5 year	5 year
<b>Price:</b> (Tower not included, customer to supply)	1550.00+GST	1950.00+ GST	2885.00+GST	Call	Call
In stock	Yes	Yes	Yes	Special Order	Special Order

### Resistant Max Speed Disclaimer:

Wind speed listed above are a guide only.

Turbulent winds or wind shear can happen at any wind speed and can cause tremendous damage.

This is an insurance issue

The "Resistant Max Speed" number above are based on steady "clean" winds, not stormy conditions.

It is advised to protect your wind generator in high damaging winds by lowering the unit or stopping the wind generator before the storm occurs.

Never try to stop the wind generator during the storm.