



Cloverfour Renewable Energy Solutions



Vertical Axis Wind Turbine

300W vertical axis wind mill are rugged, quiet, light, Omni-directional, and they do not create as much stress on the support structure. They do not require as much wind to generate power, thus allowing them to be closer to the ground. By being closer to the ground they are easily maintained and can be installed on rooftop and similar tall structures.

Model	GV-300W
Performance	
Rated Power	300W
Max Power	400W
Start Wind Speed	1m/s (2.24mph)
Rated Wind Speed	10m/s (22.4)
Working Wind Speed	1-25m/s (2.24-56mph)
Safety Wind Speed	50m/s (112mph)
Physical Parameters	
Blades Length	1.3M (4.264ft)
Blades Rotor Diameter	1.4M (4.592ft)
Blades Material & Quantity	FRP /3PCS
Mill Weight	50Kg
Tower Height	6m (19.68ft)

PT Vistana Insinyur Servis Co. reg. no (NPWP): 03.297.743.1-215.000

Sakura Garden Block AA no 7 Kampung Seraya Batu Ampar

Batam Kepri Indonesia 29454 vistanainsinyurservis@gmail.com

Generator Parameters	
Generator Type	Axial Flux Coreless outer rotor Disc permanent magnet direct Drive generator
Rated Speed	200RPM
Start Torque	<0.1N.M
Option Voltage	12-24V
Protection Method	Electromagnetic Brake +PWM
Protection Grade	IP54
Working Temperature	Pro-40-50 °C
Life time	20 Year

PT Vistana Insinyur Servis Co. reg. no (NPWP): 03.297.743.1-215.000

Sakura Garden Block AA no 7 Kampung Seraya Batu Ampar

Batam Kepri Indonesia 29454 vistanainsinyurservis@gmail.com