



Free standing unit all built to IEC standards

800 W wind generator with a 60" thermoplastic biomimetic patent pending rotor design

4 leaves each with 50 W solar panel for a total of 200 W solar

Security Camera

LED Lighting low-light and motion-activated bright lights

A wind/solar controller to charge a battery(s)

WiFi hotspot

Deep cycle AGM battery. All electronics are below in one of the benches

6 USB ports for phone or tablet charging

Primo's free standing nano-grid provides services where none are available.

Our patented EnergiPlant™ provides area security with both low light LED lighting as well as motion-operated bright light LEDs. Optionally included are security cameras that feed in real time to a security office, are motion started, and have alarms if tampered with.

Other features include USB charging ports and optional wifi hotspot.

The area below the benches can be used for advertising, sponsorship, or for posting school events.

In the near future Primo's EnergiPlant can provide for emergency power service and other data collection.

EnergiPlant includes:
wind turbine, solar panels, batteries, controller, 6 USB ports and LED lighting

Options includes:
WiFi and security cameras

plug in to nature

The EnergiPlant is perfectly suited for parks, schools, universities, stadiums, and other community locations.



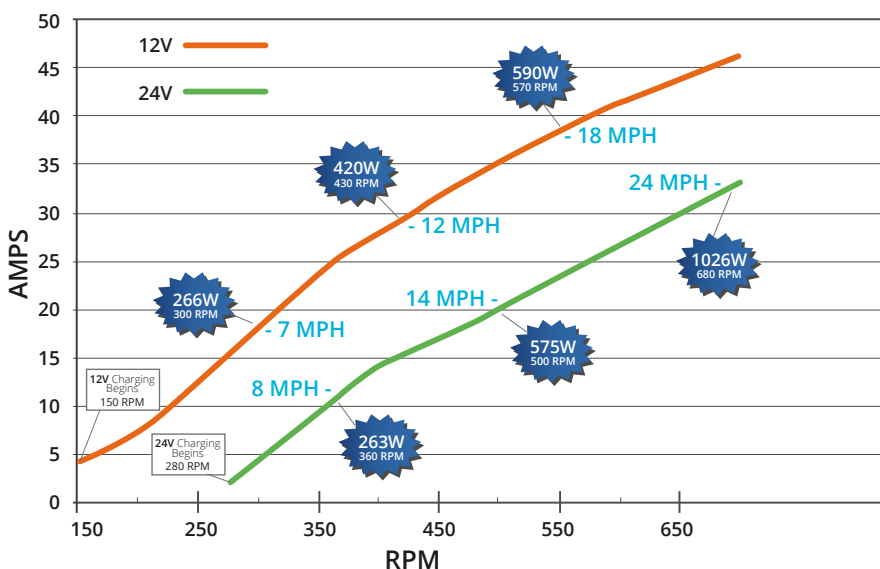
TECHNICAL SPECIFICATIONS

Model:	EnergiPlant
Rotor Diameter:	60" inch
Net Weight:	800 lb
Footprint:	11ft diameter x 18ft tall
Survival Wind Speed:	110 mph (49 m/s)
Initial Power Wind Speed:	4 mph (1.8 m/s)
Rated Power:	800 Watts @ 20 mph
Wind Generator:	Yaw Mount 3 phase slip ring + strain relief
Rotor:	Patented Biomimetic torque design Stainless steel 9-blade hub
Solar:	4 Leaves / 200 Watts

GENERATOR SPECIFICATIONS

- Ideal for charging batteries
- Proprietary generator for low wind speed power
- Stainless steel shaft coated with a polyurethane clear coat for protection
- Magnetic rotor is completely coated and sealed
- Completely sealed bearings for long life
- 6061 aluminum body
- Aluminum housing completely seals/protects copper stator and magnetic rotor and is sealed against dust and moisture
- Housing is completely sealed to IP 55 standards
- Excellent corrosion resistance and heat dissipation

POWER CURVE



Primo Wind is on a mission to change the way the world uses wind energy. We design and manufacture wind systems that are aesthetically pleasing, very light weight, make virtually no noise, are bird safe, and deliver the most energy for the smallest footprint. Primo's patented rotor design and proprietary generator design focuses on torque to provide power at common wind speeds of 5-15 mph and can charge batteries in as little as 4-5 mph.

FOR MORE INFORMATION

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