



EverLast® PVW Hybrid – Induction Lighting System (Patent Pending)

Hybrid - Photo Voltaic and Wind Powered Turbine



**Call Toll-Free For Additional Information
Telephone: 888-574-7014**

**Full Spectrum Solutions, Inc. 712 E. South St. Jackson, MI 49203
www.fullspectrum solutions.com**



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April 26th, 2008 Jackson MI – 10:30am

Typical Michigan weather, EverLast™ PVW still outperforms under heavy cloud coverage producing 39.8 Volts DC.

Note: Sunny conditions EverLast™ PVW will produce 40 – 41.5 Volts DC.

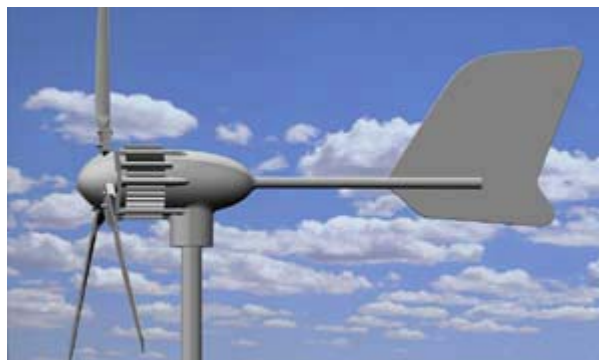
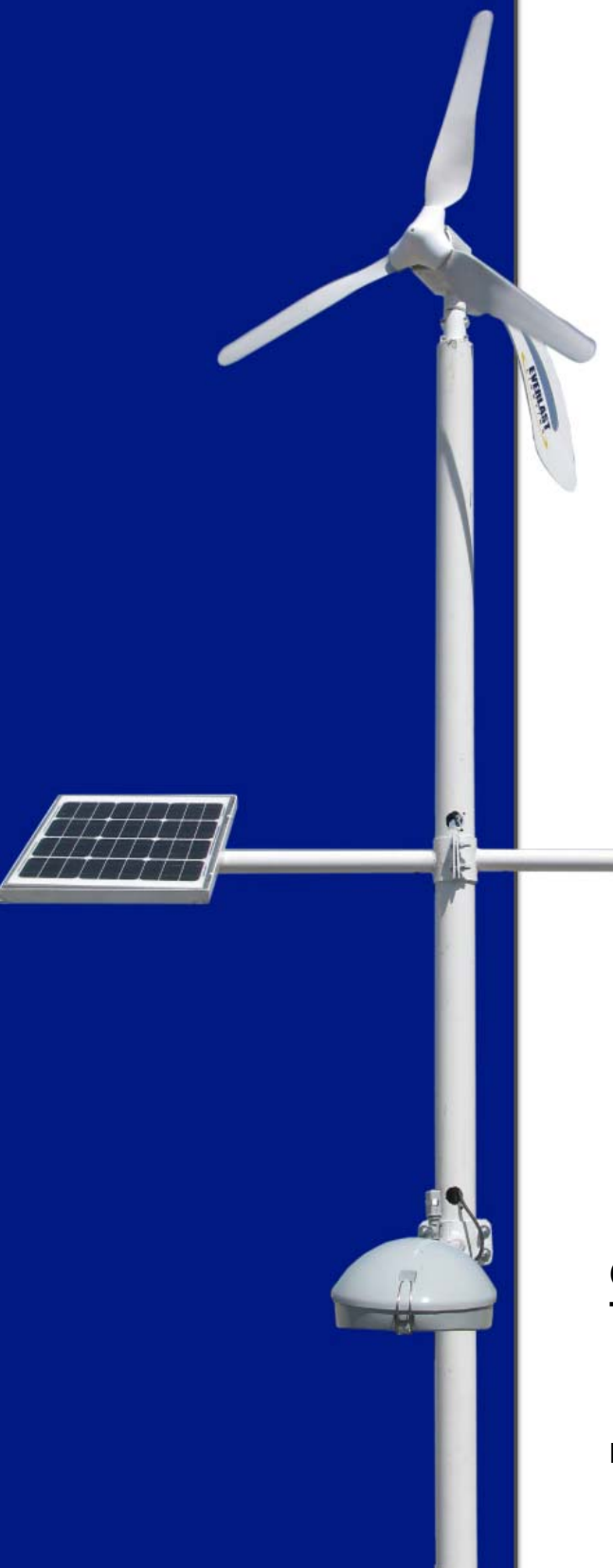
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Descriptions	400watt wind turbine
Rated Output Power (W)	400
Max. Output Power (W)	450
Rated Wind Speed (m/s)	12.5
Rated Rotation Speed (rpm)	900
Start-Up Wind Speed (m/s)	2.3
Cut-In Wind Speed (m/s)	3
Rotor Diameter (m)	1.4
Blade Material	synthetic MC nylon & carbon fiber
Governor System	aero elastic thrust
Governor Wind Speed (m/s)	60
Shut-Down Mechanism	electric
Battery System (Volts)	12V/24V
Driving Type	direct drive
Charge Regulator	included
Over-Speed Protection	yes
Low-Voltage Protection	yes
Over-Voltage Protection	yes
Weight (kg)	19
Solar Module	polycrystalline type
Max. Output Power	100Wp
Voltage at Max. Power (Vmp)	17 ± 0.5
Current at Max. Power (Imp)	2.95 ± 0.20
Open-Circuit Voltage (Voc)	21.5 ± 0.5
Short-Circuit Current (Vsc)	3.25 ± 0.20
Street lamp	70W or 100W energy saving induction lamp
Deep-Cycle Battery	200Ahr / 400Ahr

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