

DATA SHEETS

System Comparisons for the Aero 712V & Aero 610V

Aero 712V

Rated Power @ 30 mph wind speed
2000 Watts (149 RPM)

Rated Power @ 30 mph wind speed
1100 Watts (159 RPM)

Rotor Survival Wind Speed
90+ mph/40.2 m/s (325 RPM)

Rotor Survival Wind Speed
90+ mph/40.2 m/s (380 RPM)

Standard Unit Height
22 Feet On 10 foot Stand (6.7 m)

Standard Unit Height
20 Feet On 10 foot Stand (6 m)

712V Weight (ballasted)
17.9 Lbs./SF (88.4 Kg./ m2)

610V Weight (ballasted)
14.4 Lbs./SF (70.8 Kg./ m2)

dB recorded at 300 RPM
10 over ambient

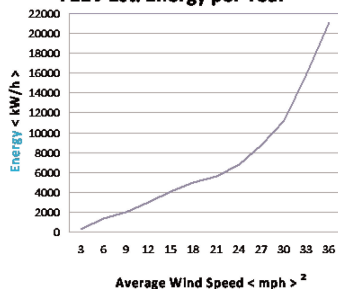
dB recorded at 300 RPM
10 over ambient

Vibration at 300 RPM
0 cps over ambient

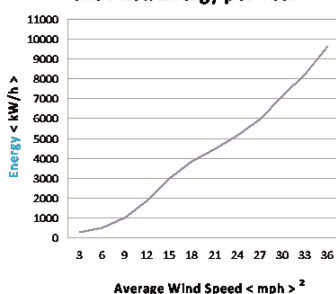
Vibration at 300 RPM
0 cps over ambient

POWER SPECIFICATIONS:

712V Est. Energy per Year¹



610V Est. Energy per Year¹



SERVICES

RENEWABLE ENERGY SITE EVALUATIONS (RESE)

Site evaluations are the necessary first step in determining a project's feasibility for renewable energy systems. A RESE involves a site visit, evaluation, and report. Some of the variables we will consider in this evaluation are:

Your renewable energy needs and budget - including wind and solar
Your carbon footprint review and energy efficiency upgrades
An initial environmental infrastructure and electrical review and any LEED goals architects might have
An initial technical review to include: Architectural profile (roof design/attachment options), utility access, energy demand profile, and estimated potential contribution
An evaluation of any design constraints, zoning and building codes
Return on investment numbers (ROI) as well as incentives available

RENEWABLE ENERGY DESIGN EVALUATIONS (REDE)

Design evaluations are the necessary first step in determining a project's feasibility for installing renewable energy systems into brand new buildings. A REDE involves a meeting with the buildings architect, structural engineer, general contractor and owner to develop and educate the team on all the different renewable energy design options that are available to them. We gather information specified to this proposed site, review the blueprints or drawings, make initial determinations on concepts for a successful installation, and answer any questions you have about the renewable energy system, the installation or the technology itself. It is our intent to provide you with all the information you need to make an informed decision about your investment in renewable energy.

RENEWABLE ENERGY EDUCATIONAL PRESENTATION (REEP)

Professor Bil Becker's Presentation on "Building Attached Renewable Energy Systems for the Urban World". Use this to educate your team on renewable energy or for a great key note speaking event. Viewed by many: SOM Skidmore Owings & Merrill, Perkins & Will, ARUP Engineers, Epstein & Associates & HOK.

Topics will include:

- Building envelope and thermal controls
- Building orientation for wind and solar
- Day lighting and shading systems
- Energy efficiency at all levels of buildingware
- Landscaping and 'roofscapeing'
- 'Integrated' design with renewables

CUSTOM FABRICATION AND DESIGN

Aerotecture International will custom design & fabricate Aeroturbines and Sunstruts upon request as well as do "green" product consulting work upon retainer.

CONTACT

Aerotecture International Inc.
3035 N. Rockwell St.
Chicago, IL 60618

Phone (773) 604-4300 Fax (773) 604-4302
www.aerotecture.com
info@erotecture.com



Aerotecture International Inc.

A Renewable Energy Solutions Company