



Winglette

WIND POWER FOR YOU...

Electricity

For you...

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Frequently asked questions...

What can I do with the power generated from my machine?

The **Winglette** wind generator, properly installed, on a sufficiently high tower, will produce **enough electricity** to serve the average house hold - with the exception of heating elements like a stove, geysers, and heaters for the winter.



Model W03

Examples of items that are normally served: a deep freeze, fridge, micro wave oven, kettle, washing machine (the ones without warm water heating elements), hair dryer, radios, TV, computers, lights, fans, etc.

How much does it cost?

The amount of money a small wind turbine saves you in the long run will depend upon its cost, the amount of electricity you use, the average wind speed at your site, and other factors. Compare the costs of complete packages.. [click here.](#)



Since energy conservation is usually less expensive than energy production, making your house or farm more energy-efficient first will likely reduce the amount of investment in a wind system to meet your needs.

[PICTURE GALLERY](#)

How does it compare with other systems...?

A study was undertaken to compare various alternative power generating systems with each other. All the costs involved, as well as interest rates, and inflation was used to draw a comparison between the various systems. Look at the results of this study... [click here.](#)

Of all the types of power supply systems, the **Winglette** wind generator is by **far the cheapest.**

How important is alternative energy production really for us today?

Energy consumption has grown to a level today of approximately 0.9 CJoule per person per day. This corresponds to the equivalent of burning 32 kg of coal per person per day.

Testimonials.

In the end, it is what our customers say that really matters. Here are the comments of some of them:

Johnny Hanekom, Keetmanshoop, Namibia: The two (2) machines that I've bought, exceed all my expectations as far as power generation is concerned. I am really pleased with their performance, and I am planning to buy the third unit.

Johnny van der Linde, Groblershoop: We are retired on our farm outside Groblershoop, and have always experienced a shortage of electricity from the solar panels we had. With our Winglette wind generator now installed, we are seeking ways to utilize the abundance of power that available now!



Choose today:

[...the wind is blowing...](#)
[...the power is there...](#)
[...take your share...](#)

The majority of this power is generated by burning fossil fuel like coal, oil, and gas, which causes **air pollution** to such an extent that today we are facing the effects of global warming that is **almost out of control**.

Wind energy is nonpolluting, clean, and renewable. The fuel, (wind), is free energy and can provide a stable, long-term energy supply. So, by installing a wind generator, you help clean up our earth's environment, for a long term energy supply.

How does it work...?

The **Winglette** is a horizontal-axis, upwind, propeller type, machine. It captures the kinetic energy of the wind and converts it into electricity suitable for your residence or other system that needs to be electrified. For a more detail explanation of the of the machine... [click here](#).

How many batteries do I need?

Sizing your battery bank and inverter is elementary math's. Power is measured in Watts. The formula to determine watts is as follows: (Watts = amps x volts.) Appliances wattage is usually listed on the manufacturer's label. After you've collected this information about all the items that you want to power off your system, you are ready to determine the battery size you will need. For further complete detail... [click here](#).

What is net metering?

"Net-metering" is a method of metering the energy consumed and produced at your home or business, by your wind generator. Excess electricity produced by the **Winglette** will turn the electricity meter backwards. This provides you with full retail value for all the electricity produced. Finding out some more.. [click here](#).

How much power can I expect to generate at my farm?

Depending on the size of the project you envision, you may want to do a "wind resource assessment" at the proposed site, since wind is affected by subtle variations in landscape and tree growth.

This wind resource assessment may involve a simple visual inspection backed up by existing wind data (e.g. from the Canadian, or American Wind Atlas, or from data obtainable from the South African weather Bureau, for the southern parts of Africa). To look at more detail on a wind resource assessment... [click here](#).

Why is tower height so important?

Your wind generator must have a clear shot at the wind to perform well. The energy available in wind, is a cubed



function of wind velocity. Increasing wind velocity increases the power output of the wind system to the third power. Because of this cubed function, wind velocity is the one variable that has the greatest impact on the power equation.

That is why, wind generators live on tall towers. Their fuel is up there. The quality of your wind resource improves radically with height. A tall tower is a must for good energy production with you **Winglette** wind generator. Find out more... [click here](#).

How can I find out about the experiences of people who own an *Winglette* wind generator?

We would gladly provide you with the names and telephone numbers of people who are owners of these machines. To ask for this information... [click here](#).

To receive a competitive price for a **Winglette** wind generator system, that will suit you, [please click here](#).

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