



The Power of Nature...

FAQ (Common Questions)

This document will answer most questions you might have regarding WindTurbine use.

Should you have further questions that need to be addressed, do contact us and your Query will be inserted into this document.

- **How big is the KEITH_2K wind turbine?**

To benefit from maximal output using an optimal wind-layer, the ideal height of the turbine is around 50 to 67 metres (220ft). Note however that most local government Building Codes allow structures up to a "ceiling height" of 15 metres (45ft).

The turbine diameter is 2 meter 49 (8.17ft). Visit www.youtube.com and search Hetronix to see actual products in action.

- **How long will the construction of a KEITH_2K wind turbine take?**

When app preparations are made in advance, actual installation works will take around 2 hours. In open-land parcel placement the concrete base needs to be setup which needs 3 days to dry (set) with minimum weather conditions of 10 degrees Celcius. Turbine erection will likely require a high-rise worker scaffold or machine: this takes less than 30 minutes.

(For cold climate conditions additional drying machinery is used to speed up the concrete drying process).

- **Will the wind turbine be noisy?**

Modern wind turbines are quiet. Advances in wind turbine technology mean that mechanical noise is almost undetectable. The use of space-age aerodynamics allows the blades to rotate at a precise angle that leads to a maximized reduction in aerodynamic noise. (It is important to use the appropriate pole to minimize friction between the propeller blades and the pole.)

General city government laws allow an audible sound level from 40 to 50dBa at 5 meters distance: KEITH_2K generously stays within these limits during all wind types and conditions, which means that the wind turbines will not have a detrimental effect on the amenity of local residents.

- **How about animals?**

Large windmills make a low dB noise, which is difficult to hear for birds. On average 20 birds die due to large windmills. High dB is easily heard by animals which ensures they stay away. As a result no animals run into the KEITH_2K wind turbine.

- **Will the wind turbines interfere with my TV or mobile phone reception?**

Our on-site testing has addressed the issue of the various signals during real-life wind turbine placement in use. These results indicate that the turbines are unlikely to affect you in any way. If you have any concerns regarding TV or mobile phone reception once the turbine is operational near you, please contact us.

- **Where can I learn more about wind speeds worldwide?**

We have made a links page for you where you can learn everything you have ever wanted to know about windturbines and wind.

Go to www.windfinder.com and find a location near you to see current winds, wind forecasts and past reports.

- **How much power can I get from a KEITH_2K wind turbine?**

The most renowned experts and professors in the industry unanimously agree: It is impossible to calculate approximate kWh yields unless actual placement shows preliminary results after 6 months.

Wind is a natural product: there are different Wind-layers and diverse wind-flow patterns with each their own local characteristics.

Therefore Wind Turbine calculations are never accurate as there are many variables that cannot be calculated into the equation.

Hetronix professors have designed KEITH_2K from the viewpoint that an average family household should be able to be self-sufficient in it's power-generation.

- **Will I suffer from shadow flicker?**

Due to its small diameter size surrounding properties which are both nearby and within 130 degrees on either side relative to the turbine will not experience shadow flicker.

With neighboring properties directly located next to a rooftop placed wind turbine with a height of less than 5 meters it is possible that some shadow flicker could occur. Placement of small wind turbines have the benefit of having near-zero shadow flicker.

- **How safe is the KEITH_2K wind turbine?**

We at Hetronix pride ourselves with our stringent safety testing and we are in full compliance with the toughest industry safety guidelines.

KEITH_2K is reliable and tough-built to withstand the hardest weather conditions with its Side-Furling feature making it tornado-proof:

KEITH_2K still continues supplying power (as originally installed) after more than 3 years on an 8 story building in an area known as Tornado Alley.

Design simplicity means less parts and less parts means less problems.

Our product comes with an unconditional 3-year **ACTIVE** warranty, which is unique in our field.

(Additional annual warranty is supplied by your own installation company.) Yearly onsite inspection guarantees trouble-free operation and keeps your product in optimal shape!

- **Show me your KEITH_2K wind turbine functioning now?**

It is easy to see our Turbine operational and see the indoor Control Box and Inverter system. Please go to www.youtube.com and search: hetronix. The movies MVI_2815 and MVI_2815 will show you this clearly and easily. Feel free to browse through our other video's there. Enjoy!

- **Why choose for a KEITH_2K and not for another windturbine?**

Hetronix provides you with a product based on a well-thought Concept: Simplicity, Powerful Performance, Durable which translates into Hetronix Quality

We have made an easy comparison sheet for your reference. Please read our file KEITH_2Kversus_Comparison.pdf to understand these basic differences compared.

For more general information, please contact:

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Regarding the construction and operation of the wind turbines:

contact your local distributor or installation company.