Small domestic wind turbines uk



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✔ Domestic wind turbines cost between £2,000 and £70,000, depending on size

✔ Standalone wind turbines could save you £741 a year on electricity

✔ The lifespan of a domestic wind turbine is around 20 years

Small domestic wind turbines are a way for UK homeowners to produce free, green electricity using wind power. Yet, according to MCS data, only 125 have been installed across the UK.

This is a very small number compared to the 427,460 residential solar panels that have been installed across the UK, so you might be wondering if domestic wind turbines are worth the investment.

In this article we'll give you a breakdown of the cost, potential savings, and breakeven times of domestic wind turbines. We'll also tell you which properties are most suited to them, and explain planning regulations.

Don't think a domestic wind turbine will be right for your home? Solar might be a better fit. To find out whether your home could benefit from a set of panels, head to our Complete Guide to Solar Panels.

You should only get a domestic wind turbine if you live in a rural area and have enough space on your property for a standalone wind turbine (the kind that is mounted in the ground).

Standalone wind turbines are better value for money than roof-mounted ones because even though they are more expensive, they produce much more electricity.

For example, a 1.5 kilowatt (kW) standalone wind turbine will produce around 2,080 kilowatt hours (kWh) a year, while a 1 kW roof-mounted turbine only produces 844 kWh.

As you can see, you'll get a much better return on your investment with a standalone wind turbine.

We've summarised the costs, power output, savings, and break-even points you can expect for domestic wind turbines of various sizes in the table below.

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