## Off grid wind turbines



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Are you considering wind turbines for off-grid electricity generation? It is a good idea. You get clean energy completely free after paying the upfront cost. However, do you know the best wind turbine for an off-grid living?

This article reviews the 8 best wind turbines for off-grid living. We will also provide a buying guide to help you make the best choice. Read on for details!

Yes. A wind turbine is a reliable source of sustainable and renewable energy. Once you pay the upfront cost, you will get electricity essentially free.

A wind turbine can help you reduce your carbon footprint and energy bills if you are still grid-connected.

A small wind turbine installed on the rooftop can generate enough electricity your family needs for lighting and running appliances.

The working principle of a wind turbine is straightforward. It works like any other generator, with the difference being that it depends on the energy of moving air.

When they turn, the generator shaft also turns, causing the electric generator to produce electricity. Check out a visual explanation from this video.

The higher the wind speed, the faster the turbine blades turn, and the more the electricity generated.

You may need a battery storage system for an off-grid wind power system. It will ensure you have constant electricity, even if the air is still and turbine blades are not turning.

Unarguably, wind energy is renewable and does not lead to environmental pollution.

That explains the increased use of wind turbines to meet electricity demands in schools, hospitals, homes, and businesses.

The following are other reasons why people choose wind as a source of electricity:

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