

For Your Peace of Mind

Meeting the IEC 61400-2 Standard



SIMULATED CASES

The IEC 61400-2¹ standard requires the simulation of various cases to determine the behaviour of turbines over the range of expected turbine conditions. These cases simulate abnormal or extreme weather conditions in addition to normal operating conditions.

SET TO THE EXTREME

These load cases model turbines in the most extreme conditions, making it challenging for many small turbines to meet the standard. The Anorra turbine blades, among other components of the Anorra turbine, surpassed expectations and successfully meets the IEC 61400-2 standard. If you are considering other turbines, be sure to ask your supplier if their turbine has met the IEC standard.



TO BE PREPARED FOR THE WORST

Ensuring that our turbine safely survives these extreme conditions means that when abnormal or extreme weather hits you, your turbine and power source stays safe and secure. Whether it be gusts, high winds, or storms, the Anorra is certain to maintain safe operation and provide power to your home.



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Sources:

IEC. "IEC 61400-2 Small Wind Turbines Part 2." IEC, 2013, webstore.iec.ch/justpublished.

¹ The International Electrotechnical Commission (IEC) 61400-2 Standard was created to test small wind turbines' components within their expected life span.