



At Borrum Energy Solutions Inc., our mission is to harvest the power of the wind for your dwelling. The Anorra Plus home wind turbine is specifically designed for cottages, rural dwellings, tiny homes, and remote locations. Our focus is to reduce your carbon footprint and overall electricity costs while helping you join the fight against climate change.



Our vision is to become the number one North American Wind Technology Engineering Firm. We engineer microgeneration home wind turbines made in Canada, that can operate from the coldest regions to the warmest regions.



Borrum Energy Solutions Inc. is a federally incorporated product engineering firm located in Canada. With a focus on harnessing wind power for homes, we also conduct extensive research and development to improve electricity generation from wind.

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BORRUM
ENERGY SOLUTIONS

Anorra +

Cottage

Wind Turbine

**"Harvesting the Power of
Wind for You"**

Anorra "Plus"

FEATURES & SPECIFICATIONS

General

- Maximum Power: 4.56 kW
- Maximum Rated Wind Speed: 80km/hr
- Annual Energy Production
 - 2-10 MWh/y
- Rated Power: 3 kW
- Rated Wind Speed: 37.8km/hr
- Start Wind Speed: 14.4km/hr
- Survival Wind Speed: 214km/hr
- Design Lifetime: 25 years
- Overall Weight: 146 kg
- Type: Horizontal-Axis
- Turbine & Tower: Anodized Aluminum & Galvanized Steel

Control & Safety System

- RPM Control: Tail Furling
- Secondary Safety System: Electromagnetic Brake

Warranty

- Standard: 10 years
- Extended Warranty: +10 Years and +20 Years

Turbine

- Robust design
- Designed for temperatures down to -50 °C
- Superior annual power generation
- Delivered pre-assembled
- Final assembly with common tools
- Ease of serviceability
- No electronic circuits

Rotor

- Rotor Diameter: 4.1m
- Rotor Maximum Speed: 950rpm
- Blade Material: Carbon fiber composite
- Number of blades: 3

Generator

- Frequency: variable
- Voltage: 48 Vdc
- Type: Permanent Magnet

Tower

- Galvanized Steel Tubular Structure
- Tilt Base (no crane required)
- Modular 22ft, 44ft, 55ft, and 66ft
- Easy to Assemble & install
- Selection of anchors
- Space needed [click here](#)

Applications

- Radiant Heat
- Water Heating
- Lighting
- Water Purification
- Battery Charging

