Own Your Power

Round-the-Clock
Energy With Solar & Wind

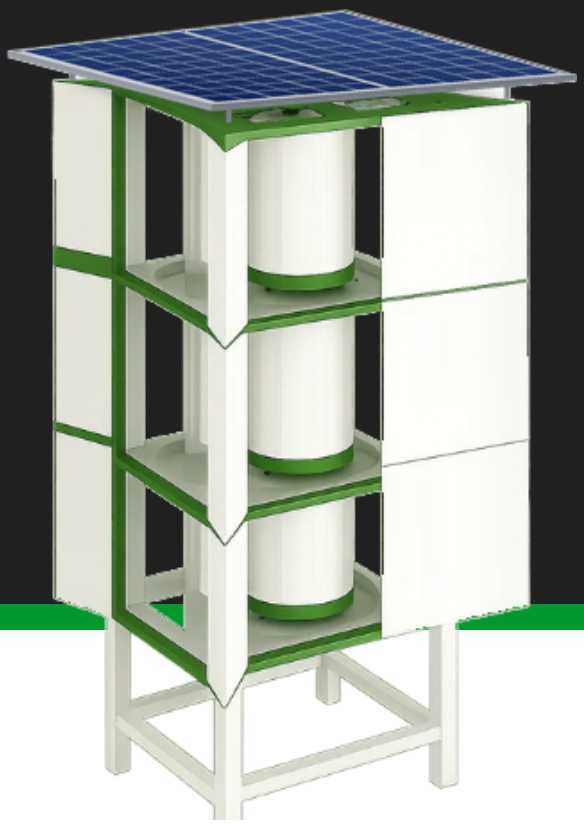
Polymathic Innovations



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GridLeaf Home Energy System

The Modular Wind + Solar Generation Unit



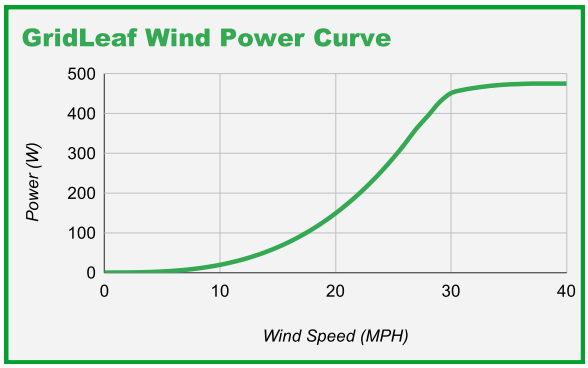
GridLeaf pairs a 450W ***flow-boosted*** wind turbine with a 240W ***anti-shading*** solar canopy in a single ***2' x 2' footprint*** to deliver clean power throughout the year.

Wind Turbine Specifications

Rated Power	**450 W**
Rated Wind Speed	**29.7 MPH**
Rated RPM	**550 RPM**
Cut-in Speed	**4.7 MPH**
Cut-out Speed	**40 MPH**
Blade Height	**5.78 ft**
Blade Diameter	**1.88 ft**
Swept Area	**10.84 ft^2**
Unit Weight	**218 lbs**

Solar Array Specifications

Rated Power (2 Panels)	**240 W**
Optimum Operating Voltage	**28.89 V**
Optimum Operating Current	**4.21 A**
Open Circuit Voltage	**33.69 V**
Open Circuit Current	**4.67 A**



Easy to Pack and Redeploy

Compatible On or Off the Grid

Ground, Wall or Roof Mounting

Fully Custom Unit Branding

Weatherproof by Design