

Capture More Energy with Pika

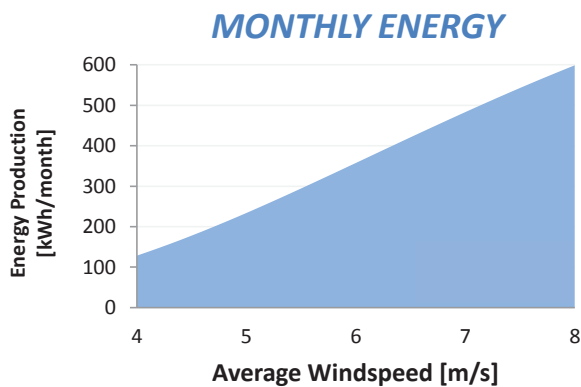
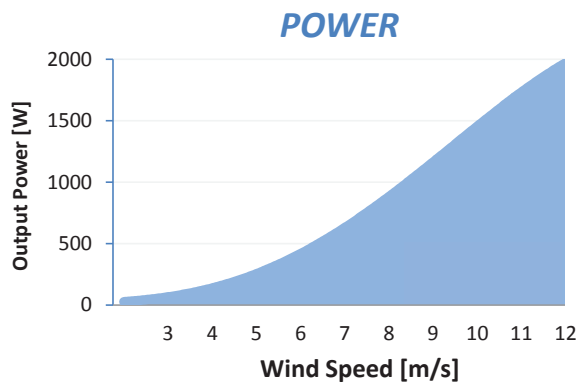
Pika Energy's T701 Wind Turbine captures natural energy from the wind to help homeowners and businesses cut their electric bills and reduce their environmental impact. The T701 introduces several innovations to the small wind industry, including Wi-Fi enabled online system monitoring, best-in-class safety, and flexible wind/solar hybrid options, thanks to REbus™ DC Microgrid technology.

The Pika T701 Wind Turbine is designed for fast, simple installation, and uses state-of-the-art airfoils for high performance and quiet operation. Pika has spent years fatigue testing our turbines to ensure reliable performance.

T701 Wind Turbine



Technical Specifications



Technical specifications and performance are preliminary. Pika is currently under test towards SWCC certification



Rotor Diameter	3.0 m (9.8 ft)
Swept Area	7.1 sq m (76 sq ft)
Rated Power	1.8 kW
Rated Wind Speed	11 m/s (25 mph)
Cut in Wind Speed	3.3 m/s (7 mph)
Survival Wind Speed	66 m/s (148 mph)
Monthly Output	230 kWh at 5 m/s
Type	Horizontal axis, upwind rotor, free yaw
Direction of Rotation	CCW (when looking downwind)
Blades	Glass-reinforced polymer
Alternator	Brushless permanent magnet
Output	REbus™ DC Microgrid (regulated 380VDC plus data)
Grid-connected	Yes (use Pika X3001 Inverter)
PV Hybrid Option	Yes (use Pika S2001 PV Link™)
Battery Charging	AC coupled options
User Monitoring	Wi-Fi
Speed Control	Stall regulation with redundant mechanical brake
Redundant Braking System	One-shot centripetal overspeed brake
Tower-top Weight	42 kg (93 lb)
Shipping Dimensions	27" L x 15" W x 16" H (turbine) 62" L x 18" W x 14" H (blades)
Warranty	5 year