

FORCE 1650

Pole Mount

72" Micro Turbine



Generates power in common 5-15 mph wind speeds

2kW generator with 72" biomimetic patented rotor design

Patented 9-blade design is bird and bat safe

Entire system fits in pelican case for simplified logistics

Wiring assembly adapts to any batteries

Cantilevered assembly for easy installation

Primo Wind is on a mission to change the way the world uses wind energy. We design and manufacture wind systems that are aesthetically pleasing, light weight, virtually silent, are bird safe, and deliver the most energy for the smallest footprint. Additionally as an "and" technology, we are a complimentary solution with other renewable energy sources and perfectly suited for the convergence of technology with storage and micro-grids.

Primo Wind's patented rotor design and proprietary generator design focuses on torque to provide power at very common wind speeds of 5-15 mph and can charge batteries in as little as 4-5 mph.

Using unique materials, our systems are very robust and can handle conditions of extreme temperature, salt air, blown sand and dust -- with the housing completely sealed to IP 66 an IP 67 standards.

Primo Wind is perfectly suited for off-grid applications.

***Force 1650 includes:
pole, wind turbine,
controller, and
pelican case***

micro wind that works

FORCE 1650 72" Micro Turbine

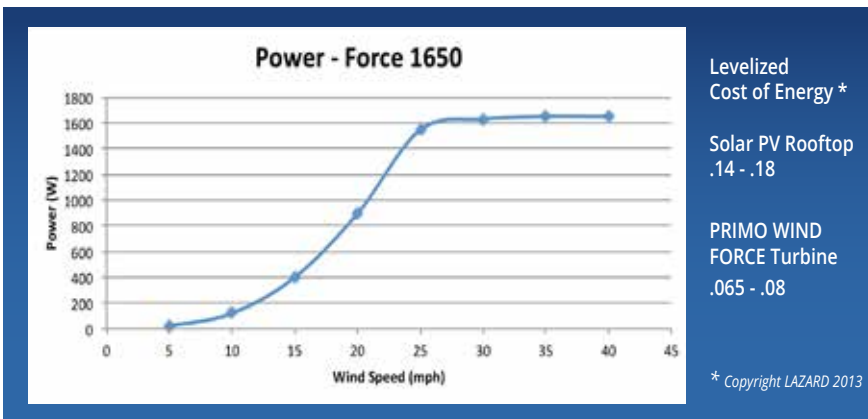
TECHNICAL SPECIFICATIONS

Model:	FORCE 1650
Rotor Diameter:	72" inch
Net Weight:	230 lbs
Footprint:	72" x 72" x 24ft tall
Survival Wind Speed:	110 mph (49 m/s)
Initial Power Wind Speed:	4 mph (1.8 m/s)
Rated Power:	2kW at 25 mph
Generator:	Yaw Mount 3 phase slip ring + strain relief
Rotor:	Patented Biomimetic torque 9-blade hub design

GENERATOR SPECIFICATIONS

- Ideal for charging battery banks
- Proprietary generator for low wind speed power
- Stainless steel shaft coated with a polyurethane clear coat for protection
- Magnetic rotor is completely coated and sealed
- Completely sealed bearings for long life
- 6061 aluminum body
- Aluminum housing completely seals/protects copper stator and magnetic rotor and is sealed against dust and moisture
- Housing is completely sealed to IP 66 and IP 67 standards
- Excellent corrosion resistance and heat dissipation

POWER CURVE



The FORCE 1650 is suitable for off-grid urban wind farming, military expedition, farming, and in any location with moderate to strong wind regimes.



FORCE 900 / 1650: Rooftop



FORCE 1650: Micro-grid



BIMINI: Rooftop Hybrid Wind + Solar