

# FORCE

Simple Wind Power



harvesting the full  
potential of the wind

- **Renewable technology that works**

Patented biomimetic blade and rotor design and torque turbine produces whisper quiet power in common wind speeds starting at 5 MPH.

- **A steward to the environment**

Primo systems are purposely designed to be bird friendly while blending in to the natural environment with a telescoping self-supporting pole. Additionally recycled materials are used wherever possible.

- **Easy to ship and easy to install**

The FORCE is a breeze to assemble with Primo's unique cantilevered design and small foundation. The unit is easy to put up and take down for service or extreme weather.

- **Robust in nature**

The FORCE can survive strong winds, extreme temperatures, corrosive salt air, sand and dirt.

- **A world traveler**

The FORCE has been to the Arctic with the US NAVY, hurricane ravaged parts of the Caribbean, the Gulf of Mexico, California, throughout the continental United States, Hawaii and soon to Mexico, the Philippines, Italy and more.



# FORCE

## TECHNICAL SPECIFICATIONS

Model:	FORCE
Rotor Diameter:	72 inch
Net Weight:	230 lbs
Dimensions:	6 ft diameter x 24 ft tall
Survival Wind Speed:	110 mph (49 m/s)
Initial Power Wind Speed:	5 mph (2.2 m/s)
Wind:	1200 W
Generator:	Torque design, Yaw mount
Rotor:	Patented biomimetic 9-blade hub design
Electronics:	Charge controller

## FEATURES & BENEFITS

- Stand alone wind power at common wind speeds of 5-15 mph
- Proprietary torque generator
- Housing completely seals/protects copper stator and magnetic rotor and is sealed against dust and moisture to IP 66 and IP 67 standards
- Thermoplastic blades are powerful yet flexible
- The cantilevered pole design makes for easy installation, servicing, and lowering in times of extreme weather

## APPLICATIONS

The FORCE is perfect for off-grid or grid-tied power, expeditionary energy, or contributing to small micro-grid installations.



Primo Energy is on a mission to change the way the world uses energy harvesting nature's power to benefit communities everywhere.



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