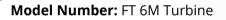
Flower Turbines LARGE TULIP WIND TURBINE

This product is for you if you want serious power up to 5 kilowatts and more in a bouquet. This size is for installation on the ground or on a very strong roof. These are our most cost-effective tulips. Standard color is white.

*Please note that projected data is based on research, field testing, and simulations.



Type: 2 Bladed Vertical Axis Wind Turbine

IEC Turbine Class: IEC61400 Class IV

Rated Power: 5 Kilowatts, reached at 11.5 m/s (25.7 mph) (higher capacity for bouquets)

Expected Production: ≈5.39 Kw at 12 m/s (26.8 mph) with a 25-228% increase *per turbine* when properly oriented to utilize the Bouquet Effect.

Expected Production in a Bouquet of 5: ≈12.5 Kw/h each when correctly oriented (≈62.5 Kw/h total) at 12 m/s (27mph)

Grid-Tied Output: 230VAC/3PH/60Hz or 110VAC/3PH/50Hz

Generator: High efficiency Permanent Magnet Generator

Bearings: Included in generator plus a second set on the shaft.

Blade material: Thermoplastic

Blade Height: 5 m (16.404 ft)

Total Height: 6 m (19.685 ft)

Blades Diameter: 2.5 m (8.2 ft)

Total Weight: 1000 kg (2204.62 lbs)

Cut-In Wind Speed: 0.7 m/s (1.57 mph)

Cut-Out Wind Speed: Inverter or charge controller and electrical brake system will control high speeds. Will also include a mechanical and manual brake as required.

Max Survival Wind Speed: 54 m/s (120.8 mph)

Operating Temperature Range: -15°C to 50°C (5°F to 122°F)

Design Life: 20 Years (Must be checked annually)

Warranty Period: 5 Years for components made by Flower Turbines; other components are according to the warranty that comes from that manufacturer.



Scan this QR Code to visit our online page detailing more about the Large Tulip Unit.

2601 SE Loop 289 Lubbock, TX 79404 support.us@flowerturbines.com | FlowerTurbines.com Copyrights, Patents, and Trademarks Granted and Pending. All rights reserved.



Scan this QR Code to complete our Project Detail Form for help planning your project.