



3-METER TULIP WIND TURBINE

Our 3 Meter Tulip turbines offer a robust and efficient energy solution, in a compact and visually appealing design. These turbines are perfect for homes, businesses, and community installations, on the ground or on strong roofs. Thanks to our Bouquet Effect, the more turbines you put together, the more output you receive from each turbine. Standard color is white.

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



Model Number: FT 3M Turbine

Type: 2 Bladed Vertical Axis Wind Turbine

IEC Turbine Class: IEC61400 Class IV

Rated Power: 1000 watts, reached at ≈ 11 m/s (25mph) (higher capacity for bouquets*)

Expected Production: ≈ 1400 w/h at 12 m/s (27mph) and higher the more turbines in a bouquet.

Expected Production in a Bouquet of 5: ≈ 3 Kw/h each when correctly oriented (≈ 15 Kw/h total) at 12 m/s (27mph)

Grid-Tied Output: 240VAC/1PH/60Hz or 230VAC/1PH/50Hz

Generator: High Efficiency Permanent Magnet Generator

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

Blade material: Thermoplastic

Ground Pole Mount: Metal base for attachment to concrete.

Blade Height: 3 m (9.84 ft)

Total Height: 4.07 m (13.35 ft)

Blades Diameter: 1.5m (4.92 ft)

Total Weight: ≈ 400 kg (881.849 lbs)

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

Cut-Out Wind Speed: Charge controller brakes it at around 12 m/s. Mechanical brake supplied

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: 40 Years (Must be checked annually)

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



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

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