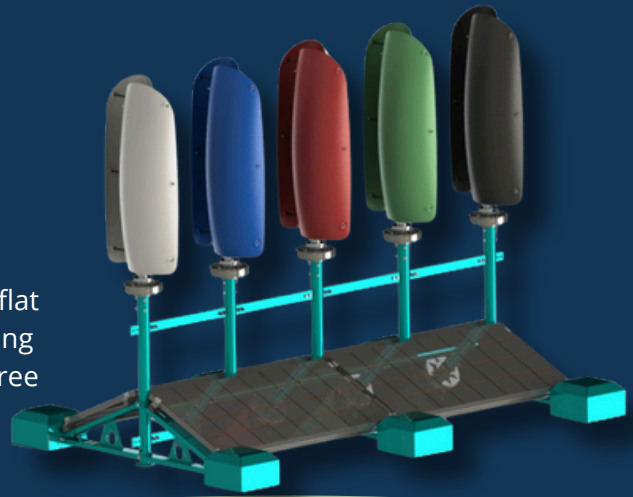


Eco-Roof Energy Hub (5)

This innovative technology, a no-drill solution for wind and solar on flat rooftops, addresses common concerns regarding traditional mounting systems. Eco-Roof Energy Hub supplies on and off-grid power via three wind tulips as well as optimal positioning for mounting solar panels. Save your roof and save on electricity!

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



Model Number: FT Eco-Roof Energy Hub

Type: Flat Roof System

Powered by: Solar Panels and wind turbines

IEC Turbine Class: IEC61400 Class IV

Maximum Roof Angle: 5°

Solar Panel Size Compatibility:

Max Width of 2.1 ft (25.20 inches) by Max Length of 9.187 ft (110.24 inches)

Solar panel options on each side will have a total capacity of approximately 400 watts

Foundation Material: Steel

Mount Width: 3.051 m (10.01 ft)

Mount Depth: 2.88 m (9.45 ft)

Blade Material: Thermoplastic

Blades Diameter (each): 0.55 m (1.79 ft)

Blade Height: 1.15 m (3.77 ft)

Mount Height Without Turbines: 1.016 m (3.33 ft)

Total Height: 2.018 m (6.62 ft)

Weight Without Turbines: 166 kg (365.97 lbs)

Weight with turbines, with no concrete blocks: 290 kg (639.34 lbs)

Total Weight with Turbines & Solar Panels with concrete blocks: around 524 kg (1154.20 lbs)

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

Cut-Out Wind Speed: Inverter or charge controller will control high speeds.

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

Operating Temperature Range: -20°C to 50°C (-4°F - 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 Eco-Roof Energy Hub.

2601 SE Loop 289 Lubbock, TX 79404
support.us@flowerturbines.com | FlowerTurbines.com
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