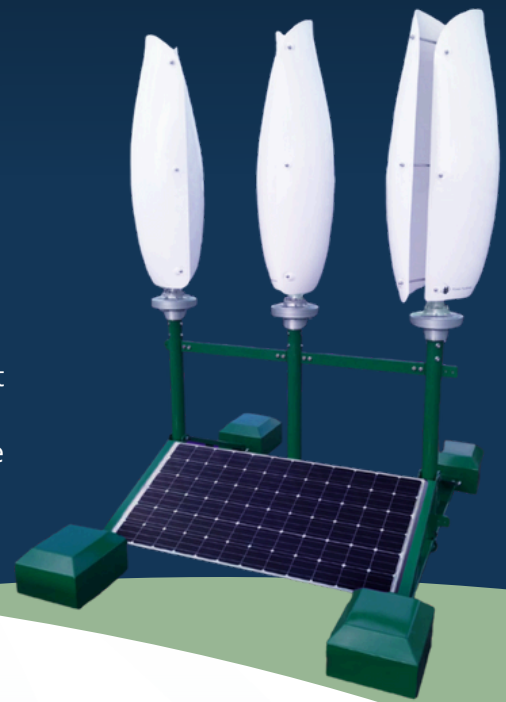




Eco-Roof Energy Hub (3)

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° (The turbine shafts can be adjusted to the vertical.)

Solar Panel Size Compatibility:

Max Width of 2.1 ft (25.20 inches) by Max Length of 4.76 ft (57.09 inches) (Solar panel options on each side will have a total capacity of approximately 200 watts)

Foundation Material: Steel

Mount Width: 2.007 m (6.585 ft)

Mount Depth: 2.303 m (7.556 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: 2.303 m (7.56 ft)

Weight with Turbines & Without Concrete Blocks: 180 kg (396.83 lbs)

Weight With Turbines & Concrete Blocks: 340 kg (749.57 lbs)

Weight Without Turbines: 120kg (264.55 lbs)

Total Weight with Turbines & Solar Panels with concrete blocks: 360 kg (793.66 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.

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