



Eco-Roof Energy Hub

This innovative technology is designed as a no-bolt solution for integrating wind and solar systems on flat rooftops, addressing common concerns associated with 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 reduce your dependence on the grid.

*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: 3°

Solar Panel Size Compatibility: 1669 x 620 mm (65.708 x 24.4094 in)

Foundation Material: Steel

Mount Width: 1.669 m (5.475 ft)

Mount Depth: 2m (6.562 ft)

Blade Material: Thermoplastic

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

Blade Height: 1.15 m (3.77 ft)

Mount Height Without Turbines: 1.005 m (3.297 ft)

Total Height: 2.337 m (7.67 ft)

Weight Without Turbines: 229 kg (504.859 lbs)

Total Weight: 289 kg (637.136 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 80°C (-4°F-176°F)

Design Life: 20 Years (Must be checked annually)

Warranty Period: 2 years



Scan this QR Code to visit our online page detailing more about the Eco-Roof Energy Hub.

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