

# AllEarth PowerFlower™

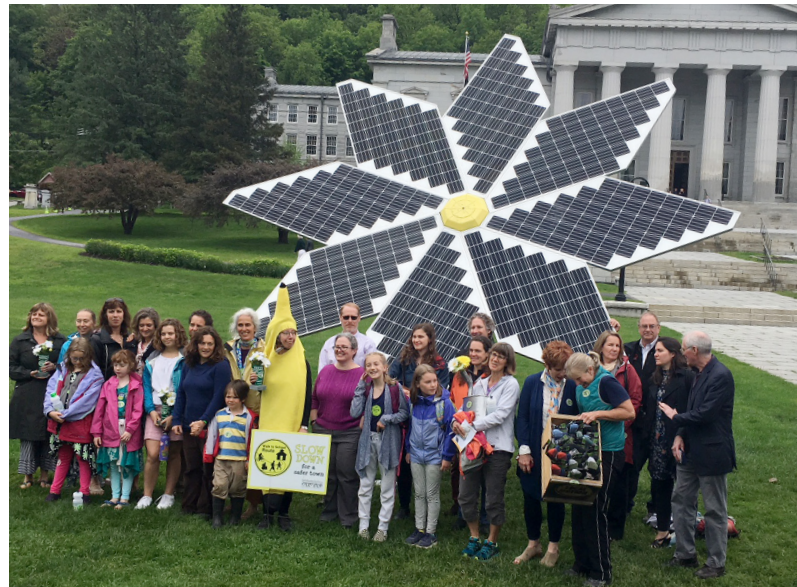
The AllEarth PowerFlower™ is a revolutionary new product that offers an artistic twist on our AllEarth Solar Tracker. This beautiful grid-tied, dual axis solar tracker is ideal for both commercial and residential settings. The PowerFlower™ boasts custom solar petals (PV panels) and a dark green powder-coated tripod stem (base). Gone are the days of hiding your solar system. This statement piece generates power, and looks great while doing so.

## Quick & Easy Installation

No concrete or digging for the foundation.  
Only one screw-in anchor to firmly secure your PowerFlower™ to the ground.

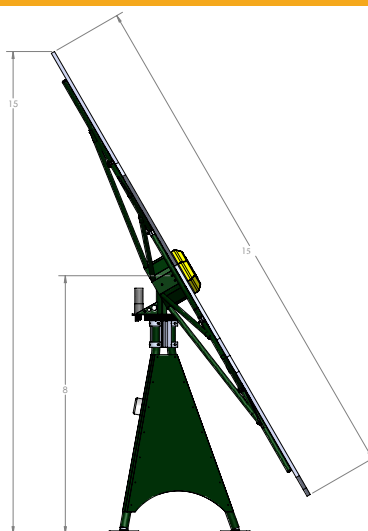
## Plug & Play Power-Up Option

Normally direct wired to a 240 VAC circuit breaker. This system also allows you to wire into a 120 VAC outlet with an optional power converter.





# AllEarth PowerFlower™ Technical Specifications



Dimensions	
Number of modules	8
Module area	134 ft <sup>2</sup>
Maximum height	16 ft
Height when flat	9 ft
Width	17 ft
Weight (complete system)	800 lb
Minimum clear diameter	26 ft
Module configuration	Circular

Inverter	Four MPPT input inverter (1400 watts at 240 VAC)
Module	48-cell high-efficiency modules (UL listed)
Structure / materials	Freestanding tripod with ground anchor, galvanized steel components
Motor type	Two 88-watt DC drive gearmotors
Yaw drive (azimuth)	Electric motor / timing belt drive
Tilt (elevation)	Electric moto / timing belt drive
Yaw range E / W	0 to 270°
Tilt range N / S	0 to 60°
Solar tracking method	GPS, sun calculation based, microprocessor controller
Wind protection	Automatic algorithm, stows flat at 30mph
Annual power consumption	<1% of system output
Operation	Self-powered
Connection type	Grid-tied / battery back up for controls
Communication	WiFi, cellular, and data card
Foundation type	Tripod with screw-in anchor and turnbuckle tensioning system
Nighttime stow	Stows flat at sunset
Module attachment	Innovative corrosion-proof fasteners; no gaps between modules
Warranty	Limited 5-year warranty
Frame	Green powder-coated painted steel frame
Manufacturing location	USA

## The PowerFlower™ Custom Petals (PV Panels)

- 250 watt high efficiency mono-silicon photovoltaics (2000 watts total)
- Anti-glare tempered glass with an aluminum frame

