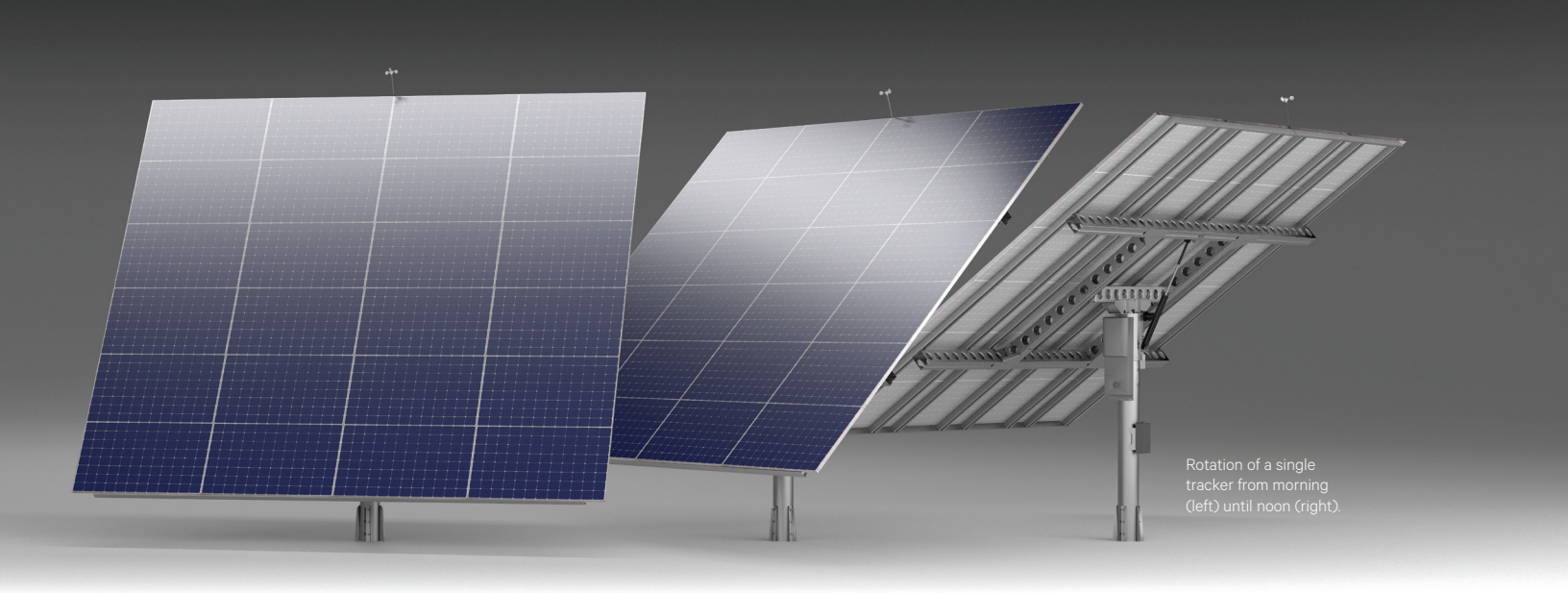
Introducing the AllEarth L20 Tracker

Here are just a few key features of this innovative new product:

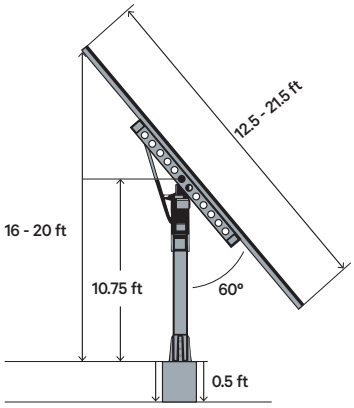
- Features 20 landscape-oriented 72-cell modules on AllEarth's proven pole-mounted dual-axis tracking system, suitable for both commercial and residential installations.
- One pre-engineered kit with mounting system, panels, and inverters all included: one partner, one order, one delivery, one invoice.
- 72-cell panels boost production, resulting in 10% more energy and DC watts per tracker.
- Built with fewer panels to reduce material use, lower hardware costs, and shorten installation time.
- Increases panel height from the ground, allowing for improved wind loading and snow-shedding.
- New panel orientation results in less east/west shading.
- Shorter mast gives better access to inverter for repairs and analysis.

The L20 Tracker will arrive in early 2016. Stay tuned for more product details and pricing information!



Rotation of a single tracker from morning (left) until noon (right).

Technical specifications.



AllEarth dual-axis L20 solar tracker	Series L20
Number of modules	20
Module area	417 ft²
Maximum height	17 ft
Height when flat	10 ft
Width	25.75 ft
Weight (complete system)	2,900 lb
Minimum clear diameter	31 ft
Module configuration	4 x 5 landscape

*Depends upon module dimensions

Unique Features

The AllEarth Solar Tracker is a complete grid-tied, dual-axis solar electric system suitable for both commercial and residential settings. Unlike a rooftop system, the tracker does not require a load-supporting, south-facing roof, which eliminates the risk of roof leak, mold or structural damage. Because the tracker uses GPS technology to follow the sun throughout the day, it also produces up to 45% more energy than fixed systems.

Inverter	Compatible with both string and microinverters
Wind loading	Wind-tunnel tested, stamped to ASCE 7-10 120 mph
Modules supported	72 cell modules
Structure/materials	Freestanding, mast mounted, galvanized steel components
Motor type	180 watt hydraulic power unit
Yaw drive (azimuth)	Ring/worm gear with hydraulic motor
Tilt (elevation)	Hydraulic cylinder
Yaw range E/W	0 to 360°
Tilt range N/S	0 to 60°
Solar tracking method	GPS, sun calculation based, microprocessor controller
Wind protection	3-cup anemometer sensor, automatic algorithm, stows flat at 30mph

Annual power consumption	<1% of system output
Connection type	Grid-tied only
Communication	Integrated RF radio
Foundation types	Precast concrete, steel riser, helical pile
Nighttime stow	Stows flat at sunset
Module attachment	Innovative high-speed bottom-mount clamping technology; fast and safe; no gaps between modules
Warranty	10 years
Manufacturing location	USA

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AllEarth Solar is a division of AllEarth Renewables
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