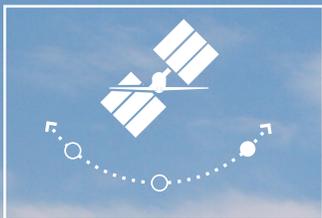


SKYSTREAM HYBRID™

by Southwest Windpower

Capture more energy with our hybrid wind/solar sun tracking array

It's common knowledge that when it's cloudy it's generally windy and when it's sunny, it's calm. Owners of a wind turbine or solar array know this all too well. Now you can have the best of both with Southwest Windpower's new hybrid system. What's even better is you won't clutter your roof or take up any additional land.



The Skystream Hybrid is no ordinary photovoltaic array. Using a GPS-enabled micro-processor, the entire array precisely rotates around the Skystream's tower with the sun to ensure maximum output. This

tracking system increases energy production of the solar array by up to 35% compared with a fixed mount system. That means more value for your investment. Best of all, it means an even lower energy bill and greater energy independence.

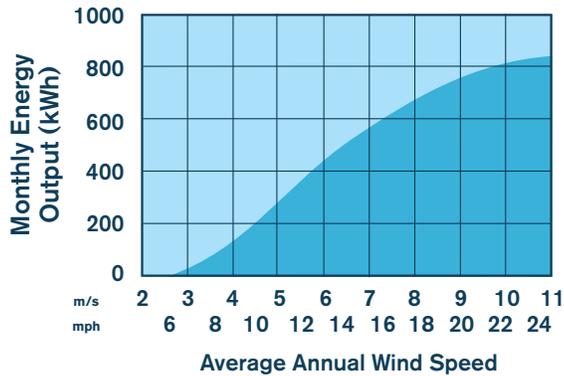
- Increased energy production using both solar and wind
- Same footprint as a wind turbine by itself
- Qualifies for state (where available) and federal incentives
- Engineered for 90 mph (40 m/s) winds



SKYSTREAM HYBRID™

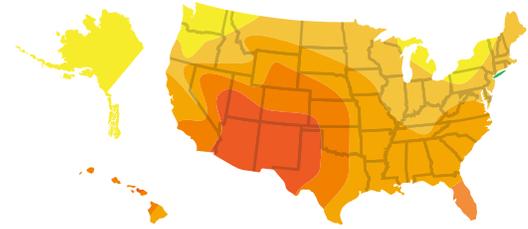
by Southwest Windpower

MONTHLY WIND ENERGY (KWH)¹



MONTHLY SOLAR ENERGY (KWH)²

	ZONE 1	ZONE 2	ZONE 3	ZONE 4	ZONE 5
6 PANELS	245	200	191	164	154
2 PANELS	82	67	64	54	51



Wind Technical Specifications

Wind Turbine	Skystream 3.7
Rated Capacity	2.4 kW
Rotor Diameter	12 ft (3.72 m)
Weight	170 lb (77 kg)
Swept Area	115.7 ft ² (10.87 m ²)
Type	Downwind rotor with stall regulation control
Direction of Rotation	Clockwise looking upwind
Blades	(3) Fiberglass reinforced composite
Rated Speed	50 - 330 rpm
Maximum Tip Speed	216.5 ft/s (66 m/s)
Alternator	Slotless permanent magnet brushless
Yaw Control	Passive
Grid Feeding	120/240 VAC Split 1 Ph, 60 Hz 120/208 VAC 3 Ph compatible, 60 Hz (Check with dealer for other configurations)
Braking System	Electronic stall regulation with redundant relay switch control
Cut-in Wind Speed	8 mph (3.5 m/s)
Rated Wind Speed	29 mph (13 m/s)
User Monitoring	Skyview wireless 2-way interface
Survival Wind Speed	140 mph (63 m/s)
Warranty	5 year limited warranty

Solar Technical Specifications

Solar Panels	235 W PV panels
Rated Capacity	1.41 kW (Skystream Hybrid 6™) 470 W (Skystream Hybrid 2™)
Size, tracking module	44" (112 cm) h x 24.1" (61 cm) diameter
Weight, tracking module	125 lb (57 kg)
Mount	High strength steel
Operating Environment	All weather
Temperature operating range	-6 F to 149 F (-21C to +65C)
Controller power consumption	0.982 Wh/day typical Sleeping Mode: 0.018 Wh/day Active Mode: 0.964 Wh/day
Grid Feeding	Microinverters (included)
Sun Tracking	Microprocessor-based true position sun tracking. GPS enabled for automatic initialization. No batteries.
Sun Tracking Range	Horizon to horizon
User Monitoring	Enphase Envoy monitoring system
Survival Wind Speed	90 mph (40 m/s)
Warranty	5 year limited warranty
Tower Mounting	Southwest Windpower 45-19 HD towers for new systems; retrofit options are available for some existing Skystream 3.7 installations. ³

FIVE YEAR WARRANTY



(928) 779-9463
www.windenergy.com

¹Estimated data. Local conditions may affect performance. Data measured and compiled by USDA-ARS Research Lab, Bushland, TX.

²Estimated data. Local conditions may affect performance.

³Certain conditions apply. Contact your dealer for more information.

Design and specifications are subject to change without notice. Skystream Hybrid, Skystream Hybrid 2 and Skystream Hybrid 6 are trademarks of Southwest Windpower. PATENT PENDING.