



SOLAR STIK®

Breeze Mast Upgrade

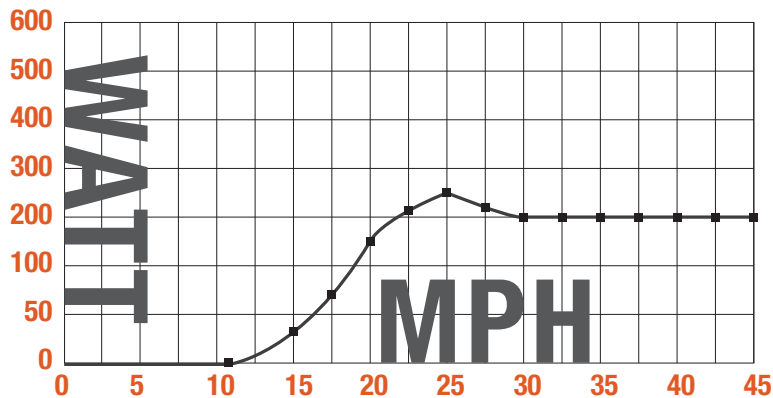
12 VDC Item # 19-0301204

24 VDC Item # 19-0302208

Overview

The Breeze Kit includes a 160-watt wind turbine and a tapered mast assembly that can be mounted to either a Solar Stik 200 or 400, turning it into a hybrid power system that generates both solar and wind power.

Installation onto a Solar Stik does not require tools and usually takes one person less than 5 minutes to assemble. Connection to the system is Plug & Play using the Inter-Connect circuit.



Features

- 160-watt wind turbine
- Low wind-speed operation
- Weatherproof
- Plug & Play





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Breeze Specs

General	
Rated Power Output	160 watts at 28 mph (12.5 m/s)
Output Voltage	12 VDC or 24 VDC
Start-up Wind Speed	6 mph (2.68 m/s)
Turbine Controller	Microprocessor-based smart internal regulator with peak power tracking
Warranty	1-year materials and workmanship

Connections	
Power Connection	30 ft Inter-Connect leash

Construction	
Body	Cast aluminum
Blades	(3) Injection-molded composite (+1 spare)
Overspeed Protection	Electronic torque control
Survival Wind Speed	110 mph (49.2 m/s)
Tail Leash	20 ft Tail Leash for manual turbine stopping

Weights and Dimensions	
Assembled Weight	15 lb (6.8 kg)
Breeze Height	52 in (132 cm)
Solar Stik Height with Breeze	129 in (328 cm)
Rotor Diameter	46 in (117 cm)

Mast Specs

Connections	
Internal Circuit	Two-wire (+ / -)
Power Connection	Inter-Connect leash

Construction	
Body	Cast aluminum (Powder coated for corrosion protection)

Weights and Dimensions	
Weight	8 lb (4 kg)
Mast Height	40 in (101.6 cm) Mast only 82 in (208.3 cm) Mast on Solar Stik
Top Mount	1 in (2.5 cm) Outer Diameter 5 in (12.7 cm) Height

Mast Color Options



* Indicates standard color

Includes

- (1) 160-watt Breeze wind generator
- (3) Blades
- (1) Mast Top Adapter
- (1) Tapered mast extension
- (1) Mast coupling
- (1) Coupling bolt
- (1) 30 ft Wind Leash
- (1) Spare parts kit

**All Items can be stored within the Solar Stik 200/400 case*

