



SOLAR STIK®

# Marine Air Breeze Wind Turbine

12 VDC Item # 03-1000002  
24 VDC Item # 03-1000006

## Overview

The Air Breeze is capable of generating power in the harshest environmental conditions, making it ideal for land or marine applications. Equipped with corrosion-resistant hardware and paint, the Air Breeze operates quietly in low and moderate wind speeds. It produces 95 Ah of energy per day based on a wind speed of 12 miles per hour. Controls for the internally regulated wind turbine are all “up tower,” which means there is no need for a separate wind control module. The Air Breeze can be easily integrated with other photovoltaic generation options.

General	
Energy	~95 Ah/day at 12 mph (5.5 m/s) average
Rated Power Output	160 W at 28 mph (12.5 m/s)
Start-up Wind Speed	7 mph (3.13 m/s)
Turbine Controller	Microprocessor-based smart internal regulator
Survival Wind Speed	110 mph (49.2 m/s)
Overspeed Protection	Electronic torque control
Warranty	1-year materials and workmanship

Connections	
Power Connection	Inter-Connect leash

Construction	
Body	Cast aluminum with corrosion-resistant paint
Blades	(3) Injection-molded composite
Tail Leash	20-inch Tail Leash for manual turbine stopping

Weights and Dimensions	
Assembled Weight	15 lb (6.8 kg)
Height	52 in (132 cm)
Rotor Diameter	46 in (117 cm)



## Features

- Quiet operation in low and moderate wind conditions
- Easy to install
- Electronic high-wind protection; no mechanical braking
- Available for 12, 24, and 48 VDC systems

