



SOLAR STIK®

Solar Stik 200

12 VDC Item # 19-0101009

24 VDC Item # 19-0102018

Overview

Powerful

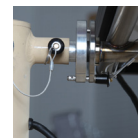
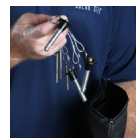
The Solar Stik 200 is a portable 12 VDC or 24 VDC solar generator that generates an average of 1.0 kilowatt hours of daily energy. Additional Solar Stiks can be daisy-chained to generate additional energy.

Portable

Fully assembled, the system weighs only 73 pounds. One person can set up the Solar Stik 200 in under 10 minutes. The Solar Stik transports in a single case, with additional storage for both the Terra Mast and Breeze upgrades.

Durable

The structure is constructed of aircraft-grade aluminum and stainless steel. It is designed to withstand extreme weather conditions and requires no routine maintenance.



*Transport Case showing Optional Solar Stik 200-400 and Breeze Upgrades

Features

- ~1.0 kWh of daily energy generation
- Non-glass solar panels
- Two axes of panel rotation
- One-case transport
- Plug & Play

Why Solar Stik?

Modular Architecture

Scalable

Field-tested

24/7 Tech Support





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Stik Color Options



Tan*

Black

Case Color Options



Tan*

Black

* Indicates standard color

Recommended Accessories



Solar Stik 200 - 400 Upgrade
Item # 19-0101008



Outrigger Kit
Item # 14-0000004



Hard Earth Bore Kit
Item # 12-0000004

Includes

- (1) Solar Stik tripod
- (2) 100 W solar panels
- (1) Hard System transport case
- (3) Foot pads
- (1) Transport pouch
- (3) Ground augers
- (7) 10-inch steel peg stakes
- (1) T-handle ratchet driver
- (1) Rubber mallet

**Optional Solar Stik 200-400 and Breeze Upgrade can be stored inside hard transport case*

General

Operating Voltage	12 VDC or 24 VDC
Construction	T6061 brushed aluminum / 304-316 stainless steel
Ground Securing	(3) Foot pads (3) Ground augers (7) 10 in (25.4 cm) steel peg stakes (1) T-handle ratchet driver (1) Rubber mallet
Warranty	1-year warranty of materials and workmanship

Solar Panel

Maximum Power (Pmax)	200 watts (100 watts per panel)
Cell Type	Monocrystalline
Cell Efficiency	>18%
Construction	Non-glass, fluoropolymer film, low glare, impact resistance and shatterproof
Frame	Black anodized aluminum alloy type 6063T6 universal frame
Dimensions	47.6 x 21.1 x 1.5 in (121 x 53.6 x 3.8 cm) Single panel
Axes of Movement	Axis 1 - Panels rotate on horizontal axis for maximum sun exposure. Axis 2 - Mast rotates on vertical axis for maximum sun exposure.

Connections

Solar Panel	Deutsch 2-pin connector
Solar Output	(2) ITT Cannon CB2-22-2SC receptacles

Environmental

Temperature Cycling Range	-40 °C to +85 °C (-40 °F to +185 °F)
Humidity Freeze, Damp Heat	85 °C and 85% relative humidity
Static Load Front/Back (e.g., wind)	50 psf (2400 Pa)
Front Loading (e.g., snow)	112 psf (5400 Pa)
Wind Threshold	60 mph with proper ground securing and outriggers
Hailstone Impact	1 in (25 mm) at 52 mph (23 m/s)

Weights and Dimensions

Ground Footprint	44.5 in (113 cm) without footpads 61 in (154.9 cm) with footpads
Assembled Height	43 in (109.2 cm) with panels level 64.875 in (164.8 cm) with panels vertical
Assembled Weight	73 lb (33.1 kg) fully assembled
Transport Cases	56.5 x 32 x 25.5 in (143.5 x 81.3 x 66.8 cm)
Transport Weight	241 lb (109 kg)

