



SOLAR STIK®

Flexi-Panel Kits

240 W Kit – Item # 19-0302010

360 W Kit – Item # 19-0302011

480 W Kit – Item # 19-0302012

Overview

Powerful

The state-of-the-art Flexi-Panel Kit is a leap in PV technology that fuses flexibility with capability. The result is a superior choice for on-the-go applications where maximum power generation and minimum weight are mission critical.

Portable

Designed for expeditionary applications, the flexi-panel is so ultralight and pliable, operators who carry it might even forget they have it! For transport, it folds into an extremely compact smooth envelope, making it extremely comfortable to carry. Deployment time is less than one minute and power generation is immediate when exposed to daylight.

Durable

Despite its paper-thin construction, the flexi-panel is extremely rugged. It can withstand harsh deployment conditions and will continue to generate power in low-light conditions or even after being punctured.

Adaptable

Grommets in the reinforced perimeter of the panel provide anchor points to securely stake the panels to the ground, or fasten it to other supports at angles favorable for maximum power production. The flexi-panel can be used to directly support an application, or it can be used to recharge batteries. Flexi-panels can also be used in concert with other flexi-panels in a scaled configuration to provide even more power when conditions warrant.



Features

- 0.96–1.92 kWh of daily energy generation
- Available in 12 VDC or 24 VDC
- No need for “sun soaking”—provides maximum power immediately upon deployment
- Reduces the need to carry extra batteries
- Reinforced outer band with grommets
- Weather- and environment-resistant
- Power for communications, personal electronics, and more
- Compatible with other charging systems





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Solar Panels			
Rated Panel Power	(4) 60 W Panels - 240 W total	(4) 90 W Panels - 360 W total	(4) 120 W Panels - 480 W total
Operating Voltage	12 V or 24 V	12 V or 24 V	12 V or 24 V
Daily Energy Production*	0.96 kWh	1.44 kWh	1.92 kWh
Operation Current	2.5 A per panel	3.75 A per panel	5 A per panel
Panel Type	Amorphous Silicon	Amorphous Silicon	Amorphous Silicon
Solar Connection	SAE Polarized	SAE Polarized	SAE Polarized
Ground Securing	(32) 7 in (17.8 cm) Aluminum tent stakes (1) Rubber mallet	(32) 7 in (17.8 cm) Aluminum tent stakes (1) Rubber mallet	(32) 7 in (17.8 cm) Aluminum tent stakes (1) Rubber mallet
Warranty	1-year power output	1-year power output	1-year power output

Weights and Dimensions			
Single Panel Dimension Folded	13 x 7.25 x 1 in (33 x 18.4 x 2.5 cm)	14 x 9 x 2.7 in (35.6 x 22.9 x 6.9 cm)	14 x 14 x 2 in (35.5 x 35.5 x 5 cm)
Single Panel Dimension Unfolded	47 x 51.25 in (119 x 130.18 cm)	65.5 x 54 in (166.4 x 137.2 cm)	86.5 x 54.5 in (219.7 x 138.4 cm)
Single Panel Weight	2 lb (0.9 kg)	3 lb (1.4 kg)	4.5 lb (2.0 kg)
Storage Case	Pelican 1520 case	Pelican 1560 case	Pelican 1560 case
Storage Case Dimension	18.06 x 12.89 x 6.72 in (45.9 x 32.7 x 17.1 cm)	19.92 x 14.98 x 9.00 in (50.6 x 38 x 22.9 cm)	19.92 x 14.98 x 9.00 in (50.6 x 38 x 22.9 cm)
Transport Weight	30 lb (13.6 kg)	47 lb (21.32 kg)	53 lb (24.04 kg)

* Based on an average of four hours in full sun

Includes

- (4) Amorphous Silicon Flexi-Panels
- (1) Hard case
- (1) Transport pouch
- (32) 7 in (17.8 cm) aluminum tent stakes
- (1) Rubber mallet

*Please View Tech Specs for more Information

Required Accessory

- 12VDC 25 ft Flexi-Panel Leash - Item # 13-0000039
- 24VDC 25 ft Flexi-Panel Leash - Item # 13-0000040

Flexi-Panel Color Options



Desert Camo*



Woodland Camo

Case Color Options



Tan*



Black

* Indicates standard color

