



SOLAR STIK®

Category: System

Scout Pak 300

12VDC Item # 18-0201101

Overview

The Scout Pak 300 is a lightweight, expeditionary, single-Pak solution that supports small electronic devices or appliances such as laptops, phones, radios, LED lights, TVs, or even small medical devices such as monitors or CPAP. The Pak supplies 12 VDC power from cigarette lighter adaptor (CLA) receptacles, four USB 2.1 A ports, and clean AC power from a 125-watt, pure sine wave inverter.

The Scout Pak includes a 120-watt flexible solar panel array to keep the Pak batteries charged in the field. Power is available from the batteries on demand. The batteries can also be charged with a 12 VDC lead-acid battery charger, or by an alternative regulated 12 VDC power source such as the CLA port in a vehicle.

Solar power input, energy storage levels and power use are all monitored on the digital display.



Features

- 350 Wh (30 Ah) of storage
- Transportable by land, sea, and air (Class IX exempt)
- Non-hazardous
- Includes 120 or 230 VAC inverter
- Lightweight expeditionary form factor
- Extremely durable and weatherproof
- Field serviceable
- Scalable system architecture
- Intuitive setup and operation
- Plug & Play

Case Color Options



Standard Color



Optional Colors



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General

Battery Capacity	350 Wh (30 Ah)
Battery Type	(2) 12 VDC Lead-acid AGM
Operating Voltage	10.5–14.5 VDC (12 VDC)
Cycle Life*	500 cycles (80% depth of discharge)
Controls	Solar Boost MPPT 25 A (12 VDC) three-stage solar charge control with temperature compensation
Display	Illuminated status gauge
Case	Pelican 1520 case
Transportation	Class IX Exempt
Warranty	1-year warranty on materials and workmanship

*@ 77 °F (25 °C)

Circuit Protection

Breakers	50 A master
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Connections

Input(s)	<ul style="list-style-type: none"> (1) PV (Exterior)
Output(s)	<ul style="list-style-type: none"> (4) 12 VDC Cigarette lighter adapter (CLA) (2 Exterior, 2 Interior) (2) USB 2.1 A (Interior)

Environmental

Operating Temperature	-50 °C to +65 °C (-58 °F to +149 °F)
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Weights and Dimensions (L x W x H)

Weight	45 lb (20.4 kg)
Dimensions	19.78 x 15.77 x 7.41 in (50.2 x 40 x 18.8 cm)

Includes

- (1) 12VDC Power Pak 300
- (2) 60W Std Weight Flexi Panel (Item #11-1000008)
- (1) 30 ft Solar Leash
- (1) 125W Inverter
- (1) Single Plug, Dual Socket cigarette lighter adapter (CLA) receptacle Y cable
- (1) Document Bag
- (10) 7" Aluminum Tent Stakes
- (1) Double Ended CLA Plug Charging Cable





SOLAR STIK®

Category: Power Generation

60W Foldable Panel, Standard Weight

Item # 11-100008

Performance Specifications (@ 77 °F/25 °C)

Max Power (Pmax)	55.44 W
Rated Voltage (Vmp)	15.4 V
Open Circuit Voltage (Voc)	21.9 V
Rated Current (Imp)	3.6 A
Short Circuit Current (Isc)	4.6 A
Cell Type	Amorphous silicon
Cell Efficiency (%)	> 18%

Connections

Solar Panel Connector	(1) Delphi
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Environmental

Operating Temperature	-40 °F to 194 °F (-40 °C to 90 °C)
Intrusion Protection	IP65

Weights and Dimensions (L x W x H)

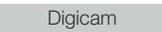
Solar Panel Weight	2.6 lb (1.18 kg)
Solar Panel Dimensions	<ul style="list-style-type: none"> Folded: 13 x 7.25 x 2.7 in (33 x 18.4 x 6.86 cm) Deployed: 47 x 51.5 in (119 x 130.81 cm)



Certifications

- CE
- RoHS
- Berry Amendment Compliance

Panel Color Options

	
Black	Digicam
	
	Khaki
	
	Desert Camo
	
	Woodland Camo
Standard Color	Optional Colors

