



SOLAR STIK®

Category: Storage with Management

Power Pak 500

12 VDC Item # 21-0101105

24 VDC Item # 21-0102204

Overview

Powerful

The Power Pak 500 is a portable battery and power management system that stores up to 0.45 kWh of energy. It was designed as a highly mobile and functional platform that provides 12 VDC power for a wide variety of applications.

Durable

The Power Pak 500 is ruggedized for extreme environmental conditions and built to withstand severe impacts.

Scalable

If additional energy storage is required, battery capacity can be increased by adding Expander Paks using Plug & Play connections.

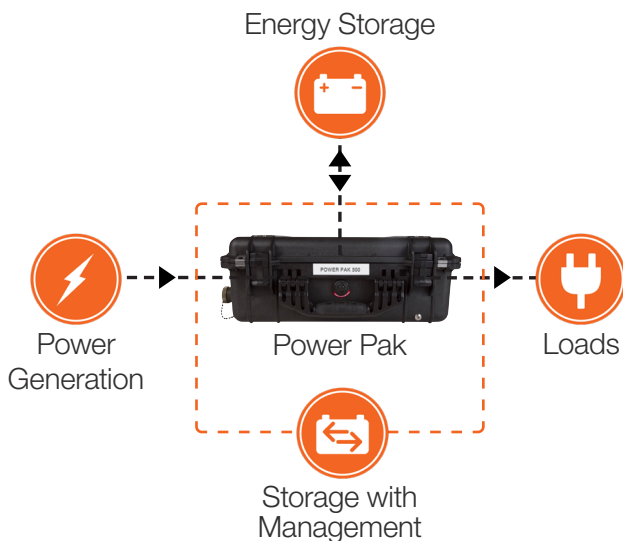
In the Field

The Power Pak 500's have become commonly used in the communications field. They are used extensively to power satellite communications, BGAN systems, and portable cell networks.



Features

- 0.45 kWh of storage
- Programmable AUX circuit
- Extremely durable and weatherproof
- Simple menu controls
- Built-in flexible light
- Field serviceable
- Scalable system architecture
- Plug & Play





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Case Color Options



Standard Color



Optional Colors



General	
Energy Storage	0.45 kWh
Battery	(2) 12 VDC Lead-acid AGM
Amp Hour	<ul style="list-style-type: none"> 38 Ah (12 VDC) 19 Ah (24 VDC)
Operating Voltage	<ul style="list-style-type: none"> 10.5–14.5 VDC (12 VDC) 21.0–29.0 VDC (24 VDC)
Cycle Life	500 (80% depth of discharge)
Controls	Blue Sky Energy Solar Boost MPPT 25 (12 VDC) or 15 (24 VDC) amp three-stage solar charge control with temperature compensation
Features	<ul style="list-style-type: none"> Programmable 12 VDC or 24 VDC auxiliary power circuit 5 watt built-in flexible light with interchangeable red and clear lenses
User Interface	<ul style="list-style-type: none"> LCD and push-button menu controls LED battery State-of-Charge (SOC) meter LED battery Cycle-Meter keeps track of the total cycles on the battery
Case	Pelican 1520 case with lid organizer
Warranty	1-year materials and workmanship

Recommended Components and Accessories



Solar Stik 200

12 VDC Item # 19-0101009

24 VDC Item # 19-0102018



Expander Pak 500

12 VDC Item # 21-0101104

24 VDC Item # 21-0102203



PulseTech XC100-P Xtreme Charge Battery Charger

Item # 01-1000018



XP 125W Power Inverter

Item # 01-1000011

Safety

Breakers	<ul style="list-style-type: none"> 100 A master circuit breaker 25 A auxiliary circuit breaker Full circuit protection with resettable breakers on user interface
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Connections

	12 VDC Version	24 VDC Version
CLA	(up to 6) 12 VDC	(up to 6) 12 VDC
AUX	(1) 12 VDC	(1) 24 VDC
Post Terminal	(1) Interior 12 V post terminals with ergonomic twist knobs	(1) Interior 24 V post terminals with ergonomic twist knobs
Inter-Connect Port	(2) Exterior 12 VDC	(2) Exterior 24 VDC

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	50 lb (22.7 kg)
Dimensions	19.78 x 15.77 x 7.41 in (50.2 x 40 x 18.8 cm)

Includes

- (2) 3-inch ring terminal cable

