



SOLAR STIK®

Expander Pak 500

12 VDC Item # 21-0101104

24 VDC Item # 21-0102203

Overview

Powerful

The Expander Pak is a battery that holds up to 0.45 kWh of energy. It can also be used independently and includes terminal posts for recharging.

Durable

The Expander Pak 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 using Plug & Play connections to add Power Paks (includes solar charge controller) or Expander Paks.

Field Serviceable

Innovative in design, no routine maintenance is required on the Expander Pak. The Pak is “field serviceable” using simple tools. The battery can be easily and quickly replaced at the end of its service life.



Features

- 0.45 kWh of storage
- Extremely durable and weatherproof
- Plug & Play

Why Solar Stik?

Modular designs
Scalable system
Field tested
24/7 Tech Support



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Case Color Options



Tan*



Black

* Indicates standard color

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)
User Interface	LCD and push-button menu controls
Case	Pelican 1520 case with lid organizer
Warranty	1-year materials and workmanship

Safety

Breakers	100 A master circuit breaker
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Connections

	12 VDC Version	24 VDC Version
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

Dimensions	19.78 x 15.77 x 7.41 in (50.2 x 40.1 x 18.8 cm)
Weight	50 lb (22.68 kg)

Includes

- (1) Expander Pak 500 (12 or 24 VDC)
- (1) 5-foot Inter-Connect Cable

