

Why choose a Solar Stik™ Flexi-Panel System?

The problems with most traditional “flexible solar panel power systems” are that they operate at the low end of the power spectrum, requiring the user to stop in the middle of the day to recharge an appliance or battery. Users will often charge only one device at a time, and too often the wrong panel technology is used for the intended application.

The Solar Stik™ Flexi-Panel Paks are the result of an intensive study into traditional portable solar power (flexible panel technologies), real-world field applications, and the integration of Solar Stik’s™ innovative approach to portable power. The superiority of the Solar Stik™ designs are realized from actual field operations and developmental interaction with the operators.

Flexi-Panel Features

- 12 or 24 Volt Systems
- Amorphous Silicon or C.I.G.S. Panel Technologies
- Wide Range of Power Generation & Storage Capabilities
- Highly Portable 1 or 2 Case Solutions
- Open Architecture Design
- D.O.T. Approved for Land, Sea, and Air Transport



Scout Pak

The Scout Pak is a single Pelican® case solution that can rapidly generate and store up to 0.3 kW-h of 12V power. Allows connection of multiple DC appliances through 6 CLA receptacles. Includes two 60W panels, 25' Power Leash, and 180 Watt PSW Inverter.

Recon Pak

The Recon Pak is a twin Pelican® case solution. It can rapidly generate and store up to 0.6 kW-h of 12V or 24V power. Allows operation of multiple appliances through AC & DC connections. Includes 0.5 kW-h Power Pak, four 60W panels, 35' Powerleash.



Recon Pak Li

The Recon Pak Li is designed as a single “fly-away” case. Using safe LiFePO₄ battery technology, it weighs less than 50 lbs. rapidly generates and stores up to 0.6 kW-h of 12V power. Allows connection of multiple appliances through AC & DC connection points. Includes two 90W panels, 25' Powerleash.

Patrol Pak

The Patrol Pak is a twin Pelican® case solution. It can rapidly generate and store up to 1.2kW-h of 12V or 24V power. Allows operation of multiple appliances through AC & DC connections. Includes 1.0 kW-h Power Pak, four 90W solar panels, 35' Powerleash.



Shelter Pak

The Shelter Pak is a complete power system designed for deployment onto a field shelter. The System can rapidly generate and store up to 1.2 kW-h of 12V or 24V power, and support multiple appliances through AC & DC connections. Includes 1.0 kW-h Power Pak, two 190W solar panels, and 35' Powerleash.



Accessories



Flexi-Panel Deployment Rack

The Flexi Panel Deployment Rack extends the service life of a Flexible Solar Panel during long-term deployments. Constructed of resilient PVC, the rack has a 25 degree incline to ensure rain removed and more direct sunlight impacts the panel surface. The elevated position also allows airflow around the panels to lessen temperature degradation.

60W Expander Pak

The 60W Expander Pak provides an additional 0.3 kW-h of daily power generation for the Scout Pak or Recon Pak.



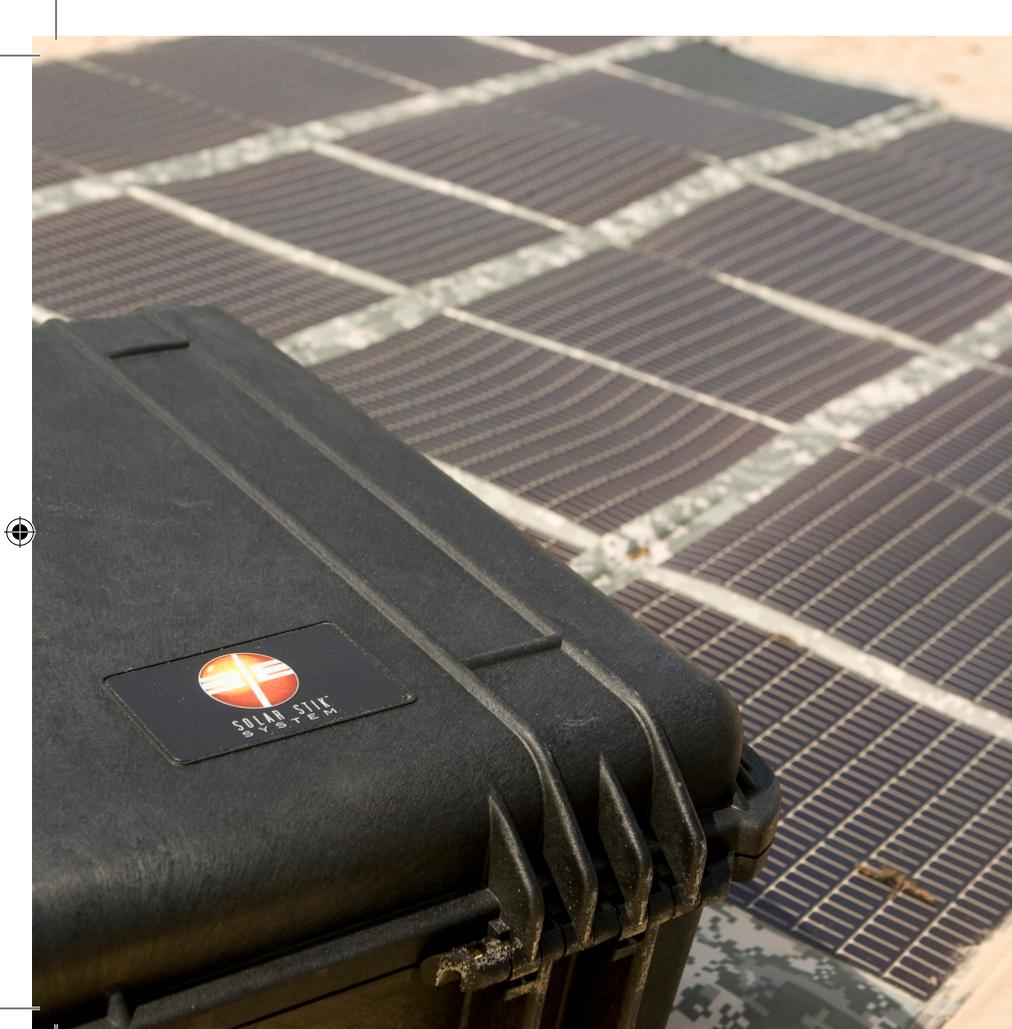
90W Expander Pak

The 90W Expander Pak provides an additional 0.4 kW-h of daily power generation to the Recon Pak Li or Patrol Pak.

X-90

The X-90 is a multi-chemistry battery charger that fits directly onto a variety of supported batteries. The charger features advanced digital control, automatic battery-type detection, maximum power point tracking (MPPT), and extra features such as a fixed DC input mode and a fixed DC output mode. Can be used to charge military batteries from Power Pak DC terminals or directly from Solar Panel Power.





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