



SOLAR STIK®

Category: Storage with Management  
**12VDC BOS 500**

**General**

Energy Storage	0.45 kWh
Battery	(1) 12 VDC Non-spillable Lead-acid AGM (Class IX exempt)
Amp Hour	37 Ah (12VDC)
Operating Voltage	10.8.0–14.5 VDC (12 VDC)
Cycle Life	500 (80% depth of discharge)
Controls	Blue Sky Energy Solar Boost MPPT 3000i Solar Charge Controller
Features	5 watt built-in flexible light with Interchangeable red and clear lenses
User Interface	LED Display
Case	Pelican 1520 case
Warranty	1-year materials and workmanship

**Safety**

Breakers	<ul style="list-style-type: none"> <li>• 50 A master circuit breaker</li> <li>• 5 A AC input breaker</li> <li>• 5 A AC output breaker</li> <li>• Full circuit protection with resettable breakers on user interface</li> </ul>
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**Connections**

Input(s)	<ul style="list-style-type: none"> <li>• (1) NEMA L5-15P (120 VAC)</li> </ul>
Output(s)	<ul style="list-style-type: none"> <li>• (1) NEMA L5-15/20R (120 VAC)</li> <li>• (1) USB (DC)</li> </ul>
Input/Output(s)	<ul style="list-style-type: none"> <li>• (2) Inter-Connect Anderson Power Mod port (12 VDC)</li> <li>• (1) Interior 12 V post terminals with ergonomic twist knobs (DC)</li> </ul>

**Environmental**

Operating Temperature	-40 °F to 149 °F (-40 °C to +65 °C)
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**Weights and Dimensions (L x W x H)**

Weight	60 lb (22.7 kg)
Dimensions	19.78 x 15.77 x 7.41 in (50.2 x 40.1 x 18.8 cm)



**Case Color Options**

Standard Color	Tan
	Black
	Silver
	Orange
	Yellow
Optional Colors	OD Green



Standard Color    Optional Colors

