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## PS49-L

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### Securi-Prod Lithium Power Store 14.6VDC 3Amp

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	<p><b>Description &amp; Features:</b></p> <p>PS49-L is specifically designed for LiFePO4 batteries.</p> <ul style="list-style-type: none"><li>• High current charging, designed for charging 7Ah LiFePO4 batteries only.</li><li>• BMS wake-up feature from low voltage disconnect protection.</li><li>• Constant Current – Constant Voltage charging algorithm.</li></ul>
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## Specifications

<b>INPUT</b>	Voltage Range	110 – 240V AC	
	Frequency Range	50 – 60Hz	
<b>OUTPUT</b>	Voltage (AC Mode)	14.6V ± 0.5V DC	
	Rated Output Current	3A	
	Rated Power (Total)	73W	
	Efficiency (Typ.)	≥82%	
<b>Status/Realy</b>	Monitor	AC fail relay and buzzer	
<b>CHARGING</b>	Voltage	14.6V ± 0.5V DC	
	Current	2A CC-CV Only for LiFePO4 Battery (BA50-1 or Equivalent)	
<b>PROTECTION</b>	Input	2A / 240V AC fuse	
	Battery low voltage	12.2V ± 0.2V DC PSU shuts down until AC power recovers. LiFePO4 Battery wake-up ≥ 300S	
	Short Circuit	Recovers automatically after fault condition is removed.	
<b>ENVIRONMENT</b>	Temperature	Working: -20 up to -50°C	Storage: -30 up to -80°C
	Humidity	Working: 20 -80%RH	Storage: 10 – 90%RH
<b>SAFETY &amp; MEC</b>	EMC Standards	EN 55022:2010, EN 55024:2010, EN 6100-3-2:2014, EN 61000-3-3:2013	
	LVD Standards	EN 60950-1:2006 + A11:2009 + A1:2010 + A12:2011 + A2:2013	
<b>METAL BOX &amp; PACKING</b>	Metal Box with Key	203(H) x 163(W) x 74(D) mm, fits 12V 7Ah battery, Green branding for model differentiation	

**⚠ NOT SUITABLE FOR LEAD ACID BATTERY ⚠**