



New Product Release

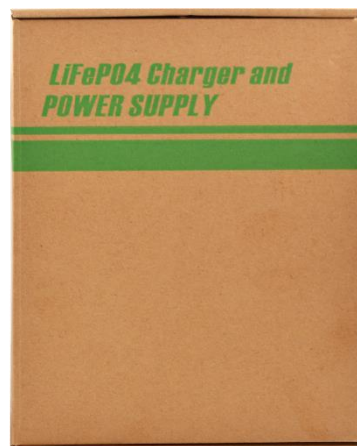
Securi-Prod Lithium Power Store 14.6VDC 3Amp

This Lithium Power Store is a long-awaited product. Its purpose is to keep the 7Ah LiFePO4 (lithium) batteries fully charged and in optimum working condition. This charger does not float charge the battery but consistently charges at 2Amps.

BMS Wake-Up Feature – It has the ability to “wake the battery up” from the BMS protection mode when AC Power is restored.

Model:

PS49-L - Securi-Prod Lithium Power Store 14.6VDC 3Amp



Key Features:

- High current charging, designed for charging 7Ah LiFePO4 batteries only.
- BMS wake-up feature from low voltage disconnect protection.
- Constant Current – Constant Voltage charging algorithm.

Technical Specifications:

INPUT	Voltage Range	110 - 240VAC	
	Frequency Range	50 - 60Hz	
OUTPUT	Voltage (AC Mode)	14.6V \pm 0.5V DC	
	Rated Output Current	3A	
	Rated Power (Total)	73W	
	Efficiency (Typ.)	\geq 82%	
Status/Relay	Monitor	AC fail relay and buzzer	
CHARGING	Voltage	14.6V \pm 0.5V DC	
	Current	2A	
		CC-CV Only for LiFePO4 Battery (BA50-1 or Equivalent)	
PROTECTION	Input	2A / 250VAC fuse	
	Battery Low Voltage	12.2V \pm 0.2V DC	
		PSU shuts down until AC power recovers. LiFePO4 Battery wake-up \geq 300S	
	Short Circuit	Recovers automatically after fault condition is removed.	
ENVIRONMENT	Temperature	Working: -20 - 50°C	Storage: -30 - 80°C
	Humidity	Working: 20 - 80%RH	Storage: 10 - 90%RH
SAFETY & EMC	EMC Standards	EN 55022: 2010, EN 55024: 2010, EN 61000-3-2: 2014, EN 61000-3-3: 2013	
	LVD Standards	EN 60950-1: 2006 + A11: 2009 + A1: 2010 + A12: 2011 + A2: 2013	
METAL BOX & PACKING	Metal Box with Key	203(H) x 163(W) x 74(D) mm, fits 12V 7Ah battery. Green branding for model differentiation	