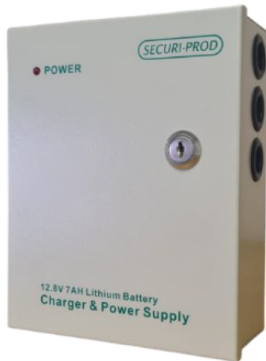


PS49-L

LiFePO4 Charger & Uninterrupted Power Supply



Description & Features:

Similar to the PS49-1, the -L version is specifically designed for LiFePO4 batteries.

- High current charging, less than 4 hours on standard 7AH LiFePO4 battery.
- BMS wake-up feature from low voltage disconnect protection.
- Constant Current – Constant Voltage charging algorithm.

Specifications:



INPUT	Voltage Range	110 - 240VAC	
	Frequency Range	50 - 60Hz	
OUTPUT	Voltage (AC Mode)	14.6V ± 0.5V DC	
	Rated Output Current	3A	
	Rated Power (Total)	73W	
	Efficiency (Typ.)	≥82%	
Status/Relay	Monitor	AC fail relay and buzzer	
CHARGING	Voltage	14.6V ± 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 ± 0.2V DC	
		PSU shuts down until AC power recovers. LiFePO4 Battery wake-up ≥ 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
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	

 **NOT SUITABLE FOR LEAD ACID BATTERY** 