



Metal Box Uninterruptible PSU

PS49-1



Description & Features

PS49-1 is an uninterruptible PSU, its main output is 13.6V / 3A, while it also provides maximum 1A charge current.

- High efficiency up to 85%, long life and high reliability
- Protection: input fuse / overload / over voltage / short circuit
- Metal box with key-lock

SPECIFICATIONS



INPUT	Voltage Range	190 - 240VAC	
	Frequency Range	50 - 60Hz	
OUTPUT	Voltage (AC Mode)	13.6V ±2%	
	Rated Current	3A	
	Rated Power (Max.)	54.4W	
	Efficiency (Typ.)	>85%	
Status/Relay		AC fail relay and buzzer	
CHARGING	Voltage	13.6V ±2%	
	Current	1A (max.)	Constant voltage mode, charge current decreases when battery voltage increases.
PROTECTION	Input	2A / 250VAC fuse	
	Battery Low Voltage	10V ±2%	PSU shuts down until AC power recovers.
	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	Default Metal Box	203(H) x 163(W) x 74(D) mm, fits 12V 7Ah battery.	