

## 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



<b>INPUT</b>	<b>Voltage Range</b>	190 - 240VAC	
	<b>Frequency Range</b>	50 - 60Hz	
<b>OUTPUT</b>	<b>Voltage (AC Mode)</b>	13.6V $\pm$ 2%	
	<b>Rated Current</b>	3A	
	<b>Rated Power (Max.)</b>	54.4W	
	<b>Efficiency (Typ.)</b>	>85%	
<b>Status/Relay</b>		AC fail relay and buzzer	
<b>CHARGING</b>	<b>Voltage</b>	13.6V $\pm$ 2%	
	<b>Current</b>	1A (max.)	Constant voltage mode, charge current decreases when battery voltage increases.
<b>PROTECTION</b>	<b>Input</b>	2A / 250VAC fuse	
	<b>Battery Low Voltage</b>	10V $\pm$ 2%	PSU shuts down until AC power recovers.
	<b>Short Circuit</b>	Recovers automatically after fault condition is removed.	
<b>ENVIRONMENT</b>	<b>Temperature</b>	Working: -20 - 50°C	Storage: -30 - 80°C
	<b>Humidity</b>	Working: 20 - 80%RH	Storage: 10 - 90%RH
<b>SAFETY &amp; EMC</b>	<b>EMC Standards</b>	EN 55022: 2010, EN 55024: 2010, EN 61000-3-2: 2014, EN 61000-3-3: 2013	
	<b>LVD Standards</b>	EN 60950-1: 2006 + A11: 2009 + A1: 2010 + A12: 2011 + A2: 2013	
<b>METAL BOX &amp; PACKING</b>	<b>Default Metal Box</b>	203(H) x 163(W) x 74(D) mm, fits 12V 7Ah battery.	