



Metal Box Uninterruptible Access

PS49-3

Description & Features



PS49-3 is an uninterruptible PSU, its main output is 13.6V / 3A, while it also provides maximum 1A charge current. It has a special access control board which allows for different types access systems.

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

SPECIFICATION



INPUT	Voltage Range	190 - 240VAC	
	Frequency Range	50 - 60Hz	
OUTPUT	Voltage (AC Mode)	13.6V \pm 2%	
	Rated Current	3A	
	Rated Power (Max.)	54.4W	
	Efficiency (Typ.)	>85%	
	CHARGING	Voltage	13.6V \pm 2%
	Current	1A (max.)	
		Constant voltage mode, charge current decreases when battery voltage increases.	
PROTECTION	Input	2A / 250VAC fuse	
	Battery Low Voltage	10V \pm 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
LED INDICATOR	Red	On	AC power is on
	Green	On	DC output is on
	Yellow	Off	Battery is fully charged
Flickering		Battery is charging	
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 x 163 x 74mm, fits 12V 7Ah battery.	



AccessControl Board

<p> PUSH(+) PUSH(-) SWITCH NC(+) NO(+) COM 12V GND ⑨ - ⊕ + </p>	①	PUSH(+)	High-level voltage trigger
	②	PUSH(-)	Low-level voltage trigger
	③	SWITCH	Switch signal trigger
	④	NC(+)	Normally close 12V output
	⑤	NO(+)	Normally open 12V output
	⑥	COM	Common terminal for NC(+) and NO(+)
	⑦	12V	12V output
	⑧	GND	Ground
	⑨	POTENTIOMETER	0 - 10s time delay