

PSU-1203(M)

Description & Features

PSU-1203(M) is a metal box UPS power supply, its main output is 13.8V / 3A with additional 650mA charge current. It could be used for various security and automation systems.

- High efficiency up to 88%, long life and high reliability
- Protections: overload / over voltage / short circuit / battery deep discharging
- Multi-functional LED indicators
- No delay battery boots up
- Metal box with key-lock, wall mount installation
- Optional modules to extend the usages
- 100% full load burn-in test



SPECIFICATION

INPUT	Voltage Range	190 - 265VAC	
	Frequency Range	50 - 60Hz	
	Efficiency (Typ.)	>88%	
OUTPUT	Voltage	13.8V	
	Rated Current	3A	
	Rated Power (Max.)	50W (includes charging)	
	Ripple & Noise	<100mVp-p	
	Line Regulation	±2%	
	Load Regulation	±2%	
	Channel	1 channel	
CHARGING	Voltage	13.8V	
	Current	650mA	
		Constant voltage mode	
PROTECTION	Overload	115% ±5%	
		Hiccup mode (resumes automatically after fault condition is removed)	
	Over Voltage	16V ±5%	
		Hiccup mode (resumes automatically after fault condition is removed)	
	Short Circuit	Hiccup mode (resumes automatically after fault condition is removed)	
	Battery Deep Discharging	10V ±2% (shuts down until AC power resumes)	
ENVIRONMENT	Temperature	Working: -20 - 50℃	Storage: -30 - 80℃
	Humidity	Working: 20 - 80%RH	Storage: 10 - 90%RH
LED INDICATOR	AC Power (Red)	On	AC input is okay
	DC Output (Green)	On	DC output is okay
	Charge (Yellow)	On	Battery is fully charged
		Off	Battery is discharging
		Flickering	Battery is charging
CONFORMITY	EMC Standard	EN 55032, EN 55035, EN 61000-3-2, EN 61000-3-3	
	LVD Standard	EN 62368	
DIMENSION	Metal Box	205 x 165 x 75mm (fits for a 12V 7-9Ah battery)	
	Package	41 x 35.5 x 23.5cm / CTN, 11kg / CTN, 10pcs / CTN	