

PSU-1220-L(M)

Description & Features

PSU-1220-L(M) is a metal box UPS power supply, its main output is 13.8V / 20A with additional 1.9A 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	20A	
	Rated Power (Max.)	300W (includes charging)	
	Ripple & Noise	<100mVp-p	
	Line Regulation	±2%	
	Load Regulation	±2%	
	Channel	2 channels	
CHARGING	Voltage	13.8V	
	Current	1.9A	
		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)	
ENVIRONMENT	Battery Deep Discharging	10V ±2% (shuts down until AC power resumes)	
	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 discharging/fully charged
		Flickering	Battery is charging
	AC Failure (Red)	On	AC input is failure
	BT Voltage Low (Red)	On	Battery voltage is low (<11V)
CONFORMITY	EMC Standard	EN 55032, EN 55035, EN 61000-3-2, EN 61000-3-3	
	LVD Standard	EN 62368	
DIMENSION	Metal Box	395 x 285 x 165mm (fits for two 12V 17-20Ah batteries)	
	Package	53.5 x 31 x 44cm / CTN, 15.5kg / CTN, 3pcs / CTN	