

## SPS-Series

### High Current Switching Mode DC Regulated Power Supply



SPS-8400



SPS-9400

### Description

The series of HIGH POWER SWITCHING MODE DC REGULATED POWER SUPPLIES provide high current 40 Amps output in a lightweight and compact size case. They are suitable for a wide range of uses, such as radio equipment, and are ideal for high power car stereo work. In addition to variable output from 3 to 15VDC, a fixed 13.8VDC can be selected. Overload, Over temperature, and Over voltage protection are standard.

### Features

- 40A current output
- High efficiency
- Floating Ground Design
- Adjustable output voltages 3V to 15V
- Fixed voltage mode at 13.8V
- Light weight and small size
- Over temperature protection
- Constant Current Protection
- Over voltage protection at 16.5V
- Variable speed thermally controlled fan
- High RFI stability
- Power factor correction >0.95
- Housing are available in Pantone warm grey 1C or Pantone 433C dark grey
- Overload protection with constant current
- Low Ripple & Noise

### Specifications

Models	SPS-8400	SPS-9400
Variable Output Voltage	3 - 15VDC	
Fixed Output Voltage Mode	13.8VDC	
Rated Output Current	40A	
Ripple & Noise (peak - peak)	50mV	
Load Regulation (0-100% load)	120mV	
Line Regulation (190-254VAC variation)	50mV	
Input Voltage	200-240VAC 50Hz~ (or on request)	
Efficiency	>78%	
Meter Type	Analog Meter	LED Meter
Volt. Meter Range	0 - 20V	3 digit Display
Curr. Meter Range	0 - 45A	3 digit Display
Meter's Accuracy	7% fsd	1% +2 counts
Cooling System	Variable speed thermally control fan (from 1/3 to full speed)	
Protection Devices	Over Temperature, Short Circuit, Over Voltage	
Approvals	CE EMC: EN 55011, 55022 LVD: EN 60950, 61558	
Dimensions (WxHxD)	220x110x300 mm 8.7x4.3x11.8 inch	
Weight	3.5 kgs 7.7 lbs	
Remarks	Power factor correction >0.95 at optimal load	