

SPS-8400 and SPS-9400

High Current Switched Mode DC Regulated Power Supply



SPS-8400



SPS-9400

Description

The series of HIGH POWER SWITCHED 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 maximum current output
- High efficiency
- Floating Ground/ Isolated Output
- Adjustable output voltage 3V to 15V
- Fixed voltage mode set to 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	10mVrms 50mVp-p	
Load Regulation (0~100% load)	200mV	
Line Regulation (190~254VAC variation)	50mV	
Input Voltage	200~240VAC 50Hz	
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 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: EN55011, EN55022 LVD: EN60950, EN61558	
Dimensions (WxHxD)	220x110x300mm 8.7x4.3x11.8in	
Weight	3.5kg 7.7lb	
Remarks	Power factor correction >0.95 at optimal load	

- All values are based on the Standard ambient Temperature 25°C and Pressure 0.1Mpa.
- SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE