

HIGH CURRENT SWITCHING MODE DC regulated power supply

Manson



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
- Adjustable output voltages 3V to 15V
- Fixed voltage mode at 13.8V
- Light weight and small size
- Overload temperature protection
- Current fold-back circuit with LED indicator prevents overloading
- 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 dark grey 433C ■)



SPS - 8400



SPS - 9400

SPECIFICATIONS

SPS - 8400

SPS - 9400

Variable Output Voltage

Fixed Output Voltage Mode

Rated Output Current

Ripple and Noise (P-P)

Load Regulation

Line Regulation

Input Voltage

Efficiency

Meter Type

V meter Range

A meter Range

Meter's Accuracy

Cooling System

Protection Devices

Approvals

Dimension (WxHxD)

Weight

Remarks

3 - 15V DC	
13.8V DC	
40A	
50mV	
200mV	
50mV	
230VAC / 50Hz (120V / 60Hz or On request)	
> 78%	
Analog Meter	LED Meter
0 - 20V	3 digit display
0 - 45A	3 digit display
7% fsd	1% + 2 digit
Variable speed thermally control fan	
Overload , Short circuit , Over Temperature , OVP	
CE EN60950 , EN61558 , EN55011 , EN55022	
220 x 110 x 300 (mm)	
3.5 KG	
Power factor correction >0.95 at optimal load	

* SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE *

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