

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
- Overload 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



Specifications

	<i>SPS - 8400</i>	<i>SPS - 9400</i>
Variable Output Voltage	3 - 15Vdc	
Fixed Output Voltage Mode	13.8Vdc	
Rated Output Current	40A	
Ripple & Noise (Peak-Peak)	50mV	
Load Regulation	200mV	
Line Regulation	50mV	
Input Voltage	230Vac , 50Hz~ (120Vac / 60Hz~ or on request)	
Efficiency	>78%	
Meter Type	Analog Meter	LED Meter
Voltmeter Range	0 - 20V	3 digit display
Ammeter Range	0 - 45A	3 digit display
Meter's Accuracy	7% fsd	1% +2 counts
Cooling System	Variable speed thermally controlled fan	
Protection Devices	Overload, Over Temperature, Short Circuit, OVP protections	
Approvals	CE EMC : EN55011 EN55022 , LVD : EN 60950 EN61558	
Dimensions (WxHxD)	220 x 110 x 300 mm (8.7 x 4.3 x 11.8 in.)	
Weight	3.5kgs (7.7lbs)	
Remarks	Power factor correction >0.95 at optimal load	