

High Current Switching Mode DC Regulated Power Supply

SPS - 9402

Description

The series of HIGH POWER SWITCHING MODE DC REGULATED POWER SUPPLIES provide high current 20 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 30VDC, a fixed 13.8VDC can be selected. Overload, Over temperature, and Over voltage protection are standard.

Features

- 20A current output
- Floating Ground Design
- Adjustable output voltages 3V to 30V
- 13.8V Lock Control
- Light weight and small size
- Overload temperature protection
- Constant Current Protection prevents overloading
- Over voltage protection at 33-35V
- 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

	SPS - 9402
Variable Output Voltage	3 - 30Vdc
Fixed Output Voltage Mode	13.8Vdc
Rated Output Current	20A
Ripple & Noise (Peak-Peak)	50mV
Load Regulation	200mV
Line Regulation	50mV
Input Voltage	230Vac , 50Hz~ (120Vac / 60Hz~ or on request)
Efficiency	>78%
Meter Type	LED Meter
Voltmeter Range	3 digit display
Ammeter Range	3 digit display
Meter's Accuracy	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

All values are based on the Standard ambient Temperature 25°C and Pressure 0.1Mpa.

* SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE *