

High Current Switching Mode DC Regulated Power Supply

SPS - 9252

Description

The HIGH POWER SWITCHING MODE DC REGULATED POWER SUPPLY provides 12 Amps output in lightweight and compact size case. They are suitable for a wide range of uses, such as mobile radio equipment. 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

- 12A current output
- High efficiency
- Adjustable output voltages 3V to 30V
- 13.8V Lock Control
- Light weight and small size
- Overload temperature protection
- Over voltage protection at 33V
- 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

Variable Output Voltage	3 - 30Vdc
Fixed Output Voltage Mode	13.8Vdc
Rated Output Current	12A
Ripple & Noise (rms)	5mVrms
Load Regulation	200mV
Line Regulation	50mV
Input Voltage	230Vac , 50Hz~ (or on request)
Efficiency	>82%
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 : EN 55022 , LVD : EN 60950
Dimensions (WxHxD)	220 x 110 x 220 mm (8.7 x 4.3 x 8.7 in.)
Weight	2.7kgs (6lbs)
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 *