

SWITCHING MODE DC regulated power supply

Manson



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
- 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 33V
- 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)

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SPECIFICATIONS

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Variable Output Voltage	3 - 30V DC
Fixed Output Voltage Mode	13.8V DC
Rated Output Current	12A
Ripple and Noise (P-P)	5mV
Load Regulation	200mV
Line Regulation	50mV
Input Voltage	230VAC / 50Hz
Efficiency	> 78%
Meter Type	LED Meter
V meter Range	3 digit display
A meter Range	3 digit display
Meter's Accuracy	±1% +2 count
Cooling System	Variable speed thermally control fan
Protection Devices	Overload , Short circuit , Over Temperature , OVP
Approvals	CE EN60950 , EN55022
Dimension (WxHxD)	220 x 110 x 220 (mm)
Weight	2.7 KG
Remarks	Power factor correction ≥0.95 at optimal load

* SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE *

MANSON ENGINEERING INDUSTRIAL LTD.

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