

SPA-8230

Fixed Voltage Switched Mode Power Supply with Auto Accessory Socket



Description

This low-cost, small-size design makes this power supply, with high efficiency and regulated output, specifically suitable for use with radio equipment.

This power supply provides a stable, clean and RFI suppressed and filtered DC source. The smart fan speed control program will adapt to just the right speed 0~100% to ensure a quiet and safe operation at various ambient temperatures and power outputs. The isolated ground allows parallel and series connection of the power supply. Constant current limiting, over temperature, over voltage protection offer reliability and protection to the power supply and the load. It also has excellent line and load regulation and low ripple and noise.

Features

- High RFI immunity
- Selectable AC input voltage (110VAC or 240VAC)
- Cooling fan variable speed operation
- Over load, Short circuit, Over temperature, Over Voltage Protection
- Isolated Ground
- User adjustable fine tune setting (12V~15V)
- Binding posts and accessory socket output

Specifications

Model	SPA-8230
Output Voltage	Fixed 13.8VDC (12~15VDC Adjustable)
Rated Output Current (main terminals + auto accessory socket)	23A Continuous, 25A Max. (30sec ON / 30sec OFF)
Ripple & Noise	≤50mVp-p 5mVrms
Load Regulation (0~100% load)	≤100mV
Line Regulation (±10% variation)	≤50mV
Input Voltage	100~120VAC or 200~240VAC 50/60Hz (internal jumper set to 240VAC)
Indicators	Red Fault LED Indicator
Cooling System	Variable speed thermally controlled fan (0 to full speed)
Operating Temperature	0°C ~ 40°C
Protection	Over Temperature, Over Load, Short Circuit, Over Voltage
Approvals	CE EMC: EN55022 LVD: EN60950
Dimensions (WxHxD)	181x63x190mm 7.1x2.5x7.5in
Weight	1.6kg 3.5lb (2.2kg 4.9lb in carton)

- All values are based on the standard ambient temperature 25°C and Pressure 0.1Mpa.
- SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE