

SPA-8330

Fixed Voltage Switched Mode Power Supply with Auto Accessory Socket



Description

An advanced new circuit design makes this power supply with higher efficiency, regulated output and specifically suitable for use with radio equipment.

The 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 power supplies*. The constant current limiting, over temperature and over voltage protection offer reliability and protection to the power supply and the load.

*with suitable precaution and protection.

Features

- High RFI immunity
- Wide Range AC input voltage
- Quiet cooling fan variable speed operation
- Over load, Short circuit, Over temperature Protection
- Active Power Factor Correction (PFC)
- Isolated Ground
- User adjustable fine tune setting (9~15V)
- Binding posts and accessory socket output

Specifications

Model	SPA-8330
Output Voltage	Fixed 13.8VDC (9~15VDC Adjustable)
Rated Output Current (main terminals + auto accessory socket)	33A Continuous, 36A Max. (30sec ON / 30sec OFF)
Ripple & Noise	≤50mVp-p 5mVrms
Load Regulation (10~100% load)	≤50mV
Line Regulation (100~254VAC variation)	≤20mV
Input Voltage	110~240VAC 50/60Hz
Indicators	Red Fault LED Indicator
Efficiency	>81%
Cooling System	Variable speed thermally controlled fan (from 0 to full speed)
Protection	Over Temperature, Over Load, Short Circuit, Over Voltage
Operating Temperature	0°C ~ 45°C
Approvals	CE EMC: EN55022 LVD: EN60950
Dimensions (WxHxD)	200x80x213mm 7.8x3.2x8.4in
Weight	2.7kgs 6lbs (3.2kg 7lb in carton)
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