

# Low Profile & Small Foot Print Fixed Voltage Switching Mode Power Supplies w Cigar Socket

SPA-8230 23A cont, 25A max @ 13.8V , SPA-8232 11.5A cont, 12.5A max @ 27.6V

## Description

This series of convection cooled switching mode power supply is designed for radio equipment.

It is exceptionally immune to Radio Frequency Interference at close range.

Heat is dissipated from the heat sink and the aluminum base for efficient natural cooling.

It has the small footprint of popular radio transceivers, and the low profile casing make it fall in place with a host of equipment in a tight spot.

The constant current protection, over temperature protection with constant current and output Over Voltage Protection (OVP) ensure better reliability and safer protection to both the power supply and its connected load.

One main DC output at rear and a front mounted cigar socket provide convenient DC connectivity.

It has excellent line and load regulation, low ripple and noise , optimal efficiency of 80% and a power factor of 0.7.

## Features

- Fan Cool
- High RFI immunity
- Binding pole and cigar socket DC output.
- Over Load, Short Circuit, Over Temperature protections by constant current circuitry.
- Output Over Voltage Protection
- Power Factor Control
- User adjustable fine tune setting  
13.3 ~14.5V (SPA-8230) & 26.6~29V (SPA-8232 )



## Specifications

	<b>SPA-8230</b>	<b>SPA-8232</b>
<b>Output Voltage</b>	Fixed 13.8Vdc $\pm$ 0.5V	Fixed 27.6Vdc $\pm$ 0.5V
<b>Output Current</b> ( Main output posts )	23A Cont. , 25A Max. ( 1 min. 50% duty cycle )	11.5A Cont. , 12.5A Max. ( 1 min. 50% duty cycle )
( Main output posts + Cigar Socket )	23A Cont. , 25A Max. ( 1 min. 50% duty cycle )	11.5A Cont. , 12.5A Max. ( 1 min. 50% duty cycle )
<b>Ripple &amp; Noise</b>	$\leq$ 50mVp-p , 5mVrms	
<b>Load Regulation</b>	$\leq$ 100mV ( 0 - 100% Load )	
<b>Line Regulation</b>	$\leq$ 50mV ( $\pm$ 10% Variation )	
<b>Input Voltage</b>	230Vac , 50Hz~ ( or on request )	
<b>Indicators</b>	Red Color Overload LED Indicator	
<b>Cooling System</b>	Fan Cool	
<b>Operating Temperature</b>	0 - 40°C	
<b>Protections</b>	Over Load, Over Temperature, Short Circuit protections by Constant Current Circuitry and Output Over Voltage Protection	
<b>Approvals</b>	CE EMC : EN 55022 , LVD : EN 60950	
<b>Dimensions (WxHxD)</b>	181 x 63 x 190 mm ( 7.2 x 2.5 x 7.5 in. )	
<b>Weight</b>	Approx. 1.55kgs ( 3.4lbs )	

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

\* SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE \*