

# REGULATED DC POWER SUPPLY

## RPS SERIES

The industry proven **SAMLEX** RPS series is designed to convert source AC voltage into highly regulated DC voltage.

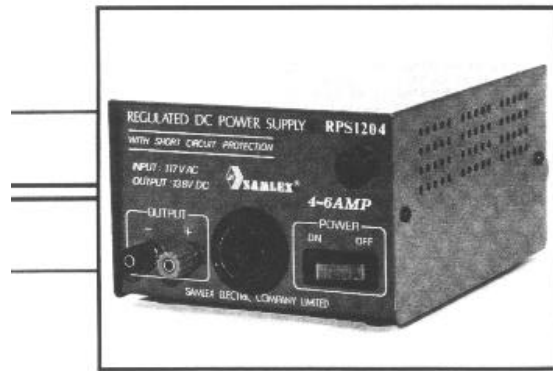
*Primary applications for RPS are the private and commercial communications industries.*

### APPLICATIONS

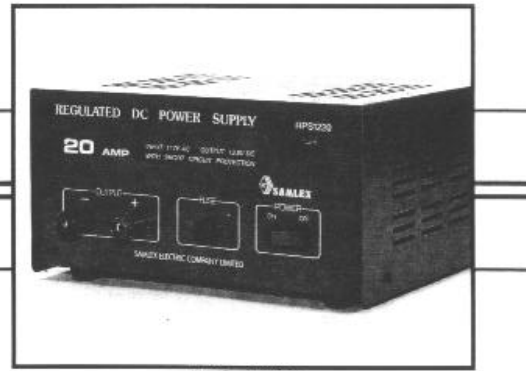
- Base station power supply for CB Radios, Two Way Radio Telephones, Cellular Telephones and other telecommunications equipment
- Auto-sound display
- Test equipment
- Household and portable entertainment equipment and appliances
- Automobile accessories
- Security systems
- Toys and hobbies
- Cooler boxes

### DESIGN FEATURES

- Precision regulation of output voltage at high and low loads
- Low peak-peak ripple of less than 10 mv
- Electronically protected for short circuit, overload, over voltage and over current
- Output power rated at continuous service
- High surge capacity
- Metal case
- Binding post output terminals
- External fuse access
- Available in 3 Amps to 50 Amps models



RPS-1204CPBT



RPS-1220

### SERIES SPECIFICATIONS

Model Number	Input Voltage	Output Voltage	Output Current		Dimensions H' x W' x D'	Fuse Rating	Shipping Weight Lbs
			Continuous	ICS			
RPS-1203	110-120 VAC 60 Hz	13.8 VDC  +/- 0.05 V	3 Amps	5 Amps	3.5 x 5.1 x 7.3	1 A	5.3
RPS-1204C PBT			4 Amps	6 Amps	3.5 x 5.1 x 7.3	1 A	5.3
RPS-1205			5 Amps	7 Amps	4.0 x 5.6 x 8.8	2 A	8.2
RPS-1207			7 Amps	10 Amps	4.0 x 5.6 x 9.3	2 A	8.2
RPS-1215			15 Amps	20 Amps	4.8 x 6.2 x 9.1	5 A	18.1
RPS-1220			20 Amps	25 Amps	4.8 x 9.6 x 10.1	5 A	18.1
RPS-1250			50 Amps	60 Amps	7.0 x 13.5 x 15.0	15A	45

All with binding post output terminals.  
ICS = 50% duty cycle - 5 mins.

RPS-1204CPBT with binding posts and cigar lighter socket

## POWER SUPPLY FUSE GUIDE

<b>REGULATED DC POWER SUPPLY</b>		
<b>MODEL</b>	<b>110V INPUT</b>	<b>220V INPUT</b>
<b>RPS 1203</b>	<b>1A / 125 VAC</b>	<b>1A / 250 VAC</b>
RPS 1204 CBPT	1A / 125 VAC	1A / 250 VAC
<b>RPS 1205</b>	<b>2A / 125 VAC</b>	<b>1A / 250 VAC</b>
RPS 1207	2A / 125 VAC	1A / 250 VAC
<b>RPS 1215</b>	<b>5A / 125 VAC</b>	<b>3A / 250 VAC</b>
RPS 1220	5A / 125 VAC	3A / 250 VAC
<b>RPS 1250</b>	<b>16A / 125 VAC</b>	<b>10A / 250 VAC</b>
RPS 1203UL	1A / 125 VAC	N/A
<b>RPS 1206UL</b>	<b>2A / 125 VAC</b>	<b>N/A</b>
RPS 1210UL	3A / 125 VAC	N/A
<b>SEC 6</b>	<b>1A / 125 VAC</b>	<b>1A / 250 VAC</b>
SEC 11	1A / 125 VAC	1A / 250 VAC
<b>SEC 14</b>	<b>2A / 125 VAC</b>	<b>1A / 250 VAC</b>
SEC 20	5A / 125 VAC	3A / 250 VAC
<b>SEC 25</b>	<b>5A / 125 VAC</b>	<b>3A / 250 VAC</b>
APS 1215	5A / 125 VAC	3A / 250 VAC
<b>PSA 305</b>	<b>4A / 125 VAC</b>	<b>3A / 250 VAC</b>
SPS 1204	1.5A / 125 VAC	1.5A / 250 VAC
<b>SPS 1206</b>	<b>1.5A / 125 VAC</b>	<b>1.5A / 250 VAC</b>
<b>DC = DC CONVERTERS</b>		
SCP 90	8A / 250 VAC	N/A
<b>SCP 160</b>	<b>16A / 250 VAC</b>	<b>N/A</b>
<b>AUTOMATIC VOLTAGE REGULATORS</b>		
CVR 300A	8A / 125 VAC	5A / 250 VAC
<b>CVR 500A</b>	<b>12A / 125 VAC</b>	<b>7A/8A / 250 VAC</b>
* CVR 1000A	20A / 240 VAC	10A / 240 VAC
* <b>CVR 3000A</b>	<b>30A / 240 VAC</b>	<b>15A / 250 VAC</b>
* CVR 5000A	40A / 240 VAC	20A / 240 VAC
<b>DC=AC INVERTERS</b>		
<b>SI 100HP</b>	<b>15A / 32V DC</b>	<b>AUTO SPADE TYPE</b>
SI 200HP	30A / 32V DC	AUTO SPADE TYPE
<b>PSE 1260A</b>	<b>25A / 32V DC X 3</b>	<b>AUTO SPADE TYPE</b>
PSE 2460A	15A / 32V DC X 3	AUTO SPADE TYPE
<b>AUTOMATIC BATTERY CHARGERS</b>		
<b>PSE 1208</b>	<b>10A DC + 2A/250 VAC</b>	<b>N/A</b>
PSE 1212	15A DC + 3A/250 VAC	N/A
<b>SEC 1215</b>	<b>20A DC + 3A/250 VAC</b>	
<b>AUTO TRANSFORMERS</b>		
ALL MODELS	NO FUSES	NO FUSES

Note: All fuses rated 125 VAC can be replaced with fuse rated 250 VAC with same current rating as 125 VAC fuse.

\* All with circuit breakers.  
Breakers rated 240 VAC can be replaced with breaker rated 120 VAC with same current rating as 250 VAC breaker.