

Jameco Part number 135845

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

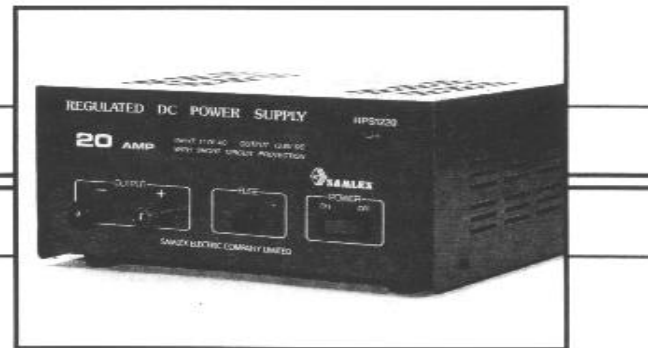
- Base station power supply for CB Radios, Two Way Radio Telephones, Cellular Telephones and other telecommunications equipment
- Auto-sound display
- Test equipment
- Household and portable entertainment equipment and appliances
- Automobile accessories
- Security systems
- Toys and hobbies
- Cooler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



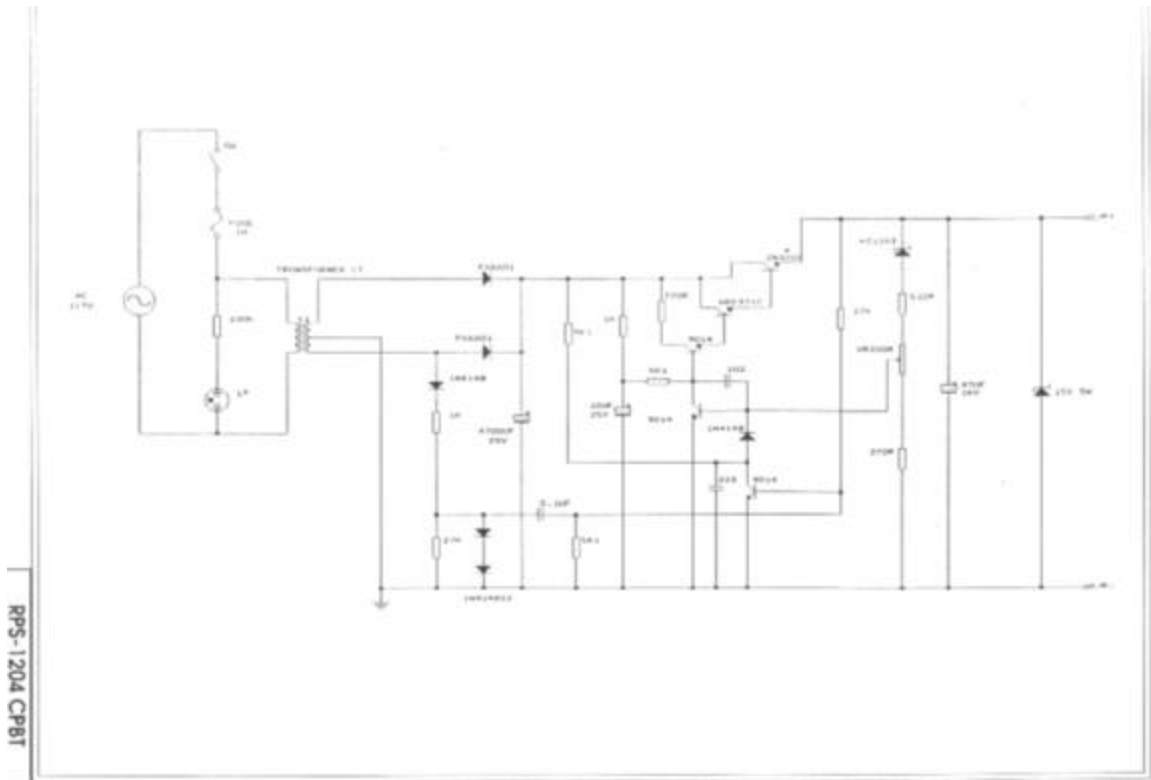
RPS-1220

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-1204CPBT			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	10-14		50 Amps	60 Amps	7.0 x 13.5 x 15.0	15 A	45

All with binding post output terminals RPS-1204CPBT with binding posts and cigar lighter socket
ICS = 50% duty cycle - 5 mins.

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POWER SUPPLY FUSE GUIDE

REGULATED DC POWER SUPPLY		
MODEL	110V INPUT	220V INPUT
RPS 1203	1A / 125 VAC	1A / 250 VAC
RPS 1204 CBPT	1A / 125 VAC	1A / 250 VAC
RPS 1205	2A / 125 VAC	1A / 250 VAC
RPS 1207	2A / 125 VAC	1A / 250 VAC
RPS 1215	5A / 125 VAC	3A / 250 VAC
RPS 1220	5A / 125 VAC	3A / 250 VAC
RPS 1250	16A / 125 VAC	10A / 250 VAC
RPS 1203UL	1A / 125 VAC	N/A
RPS 1206UL	2A / 125 VAC	N/A
RPS 1210UL	3A / 125 VAC	N/A
SEC 6	1A / 125 VAC	1A / 250 VAC
SEC 11	1A / 125 VAC	1A / 250 VAC
SEC 14	2A / 125 VAC	1A / 250 VAC
SEC 20	5A / 125 VAC	3A / 250 VAC
SEC 25	5A / 125 VAC	3A / 250 VAC
APS 1215	5A / 125 VAC	3A / 250 VAC
PSA 305	4A / 125 VAC	3A / 250 VAC
SPS 1204	1.5A / 125 VAC	1.5A / 250 VAC
SPS 1206	1.5A / 125 VAC	1.5A / 250 VAC
DC – DC CONVERTERS		
SCP 90	8A / 250 VAC	N/A
SCP 160	16A / 250 VAC	N/A
AUTOMATIC VOLTAGE REGULATORS		
CVR 300A	8A / 125 VAC	5A / 250 VAC
CVR 500A	12A / 125 VAC	7A/8A / 250 VAC
* CVR 1000A	20A / 240 VAC	10A / 240 VAC
* CVR 3000A	30A / 240 VAC	15A / 250 VAC
* CVR 5000A	40A / 240 VAC	20A / 240 VAC
DC - AC INVERTERS		
SI 100HP	15A / 32V DC	AUTO SPADE TYPE
SI 200HP	30A / 32V DC	AUTO SPADE TYPE
PSE 1260A	25A / 32V DC X 3	AUTO SPADE TYPE
PSE 2460A	15A / 32V DC X 3	AUTO SPADE TYPE
AUTOMATIC BATTERY CHARGES		
PSE 1208	10A DC + 2A/250 VAC	N/A
PSE 1212	15A DC + 3A/250 VAC	N/A
SEC 1215	20A DC + 3A/250 VAC	
AUTO TRANSFORMERS		
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.