

RS, RX & RJ Series

SPECIFICATIONS — FIVE YEAR WARRANTY

INPUT

	RS	RX	RJ
VOLTAGE:	105-132V rms, 47-440 Hz	105-125V rms, 57-63 Hz	105-125V rms, 47-440 Hz
PROTECTION:	fuse	fuse	fuse

OUTPUT

REGULATION:			
Line:	0.01% + 1 mv	0.1% + 1mv	0.1% + 1mv
Load:	0.01% + 1mv	0.1% + 1mv	0.1% + 1mv
RIPPLE & NOISE:	1.0mv rms; 3mv p-p (5mv rms; 15mv p-p all multiple output supplies)	1.0mv rms; 3mv p-p	1.0mv rms, 3mv p-p
TRANSIENT RESPONSE:	50 microseconds to 0.1%	50 microseconds to 0.1%	50 microseconds to 0.1%
STABILITY: (long term drift/24 hr. period)	0.1%	0.1%	0.1%
OVERSHOOT: (on or off)	None	None	None

PROTECTION

CURRENT: (fold back adjustment)	75%-125%	75%-125%	75%-125%
VOLTAGE:	Internal crowbar standard on 5 volt models, available on all others. Specify OVP Option.		

REMOTE PROGRAMMING

RESISTANCE:	500 ohms/volt	500 ohms/volt	500 ohms/volt
VOLTAGE:	1 volt per volt	1 volt per volt	1 volt per volt

REMOTE SENSING

Provided	Provided	Provided
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TEMPERATURE RANGE

OPERATING:	-20°C to +71°C	0°C to +71°C	0°C to +71°C
STORAGE:	-55°C to +85°C	-55°C to +85°C	-55°C to +85°C

COOLING

Convection cooling only is required.

CONNECTIONS

Terminal block for all connections on A, B, C, and CC models, Terminal block and power out studs on D, E, EE, F, G and H models. (Note: Lower current versions of D, E, and EE models have no studs. Refer to dimensional information.)

CONTROLS

VOLTAGE ADJUST:	Externally accessible on all units: next to terminal block on modular models; on front panel on rack models.
OVERVOLTAGE ADJUST:	Next to voltage adjust location (when included).

FINISH

Iridized chassis; light blue paint per Fed. Std. 595 color chip number 25240 for rack mounting panels.

MOUNTING

ON 4 SIDES:	A, B, C & CC	A, B, C & CC	A, B, C & CC
ON 3 SIDES:	D, E	D, E	D, E
ON 2 SIDES:	EE	EE	EE
RACK MOUNTED:	F, G, & H	F, G, & H	F, G & H

MECHANICAL

See Figures 1 through 11.

OPTIONS AVAILABLE

See Option page at end of this section.

Case Sizes:		APPROXIMATE WEIGHTS AND POWER INPUT REQUIREMENT RS/RX/RJ UNITS					
		CONFIG.	WEIGHT (LBS.)	POWER (WATTS)	CONFIG.	WEIGHT (LBS.)	POWER (WATTS)
A: 3-23/32"x3-15/64"x6-1/2"	E: 4-29/32"x7-1/2"x11-3/4"	A	4	80	E	24	600
B: 4-29/32"x3-15/64"x6-1/2"	EE: 4-29/32"x7-1/2"x16-1/2"	B	5½	125	EE	31	850
C: 4-29/32"x3-15/64"x9-3/8"	F: 3-15/32"x19"x16-7/16"	C	7½	215	F	48	900-1200
CC: 4-29/32"x4-15/16"x9-3/8"	G: 5-7/32"x19"x16-11/16"	CC	15	300	G	65	1500-2100
D: 4-29/32"x7-1/2"x9-51/64"	H: 6-31/32"x19"x16-11/16"	D	21	460	H	110	2200-2700

Enclosed Linear Modular Power Supplies

Single Output Fixed Voltage Models

The RS, RX and RJ series of modular and rack power supplies are intended for high performance OEM applications. These supplies offer high reliability, excellent line and load regulation, very low output ripple and noise, fast transient response, and remote programming capability. Integral overvoltage protection (not an externally mounted module) is standard on 5 volt models and optionally available on all others.

VOLTAGE AND CURRENT RATINGS

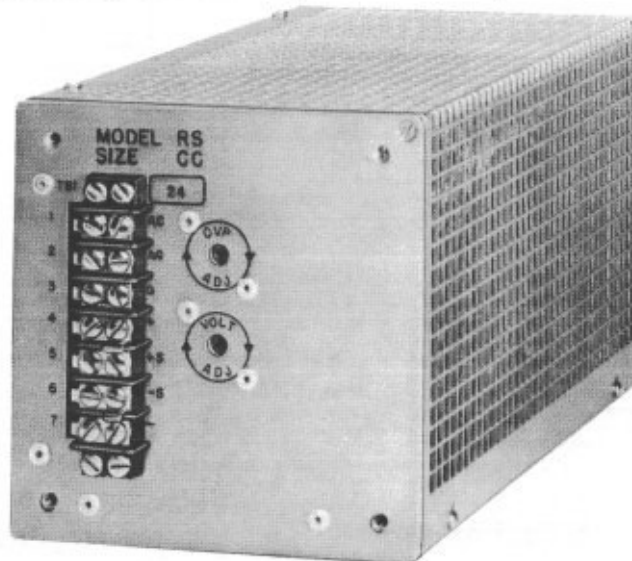
2 Volts $\pm 0.1V$ ADJ.

MODEL	MAX AMPS AT AMBIENT OF				CASE
	40°C	50°C	60°C	71°C	
RJA2	4.0	3.4	2.8	2.2	A
RJB2	7.5	6.5	5.2	4.1	B
RJC2	11.0	9.3	7.7	6.0	C
RJCC2	16.0	14.0	11.0	8.8	CC
RJD2	32.5	28.0	23.0	18.0	D
RJE2	41.0	34.0	29.0	22.0	E
RJEE2	44.5	37.8	31.1	24.4	EE
RJF2	85.0	72.0	59.5	46.7	F
RJG2	135.0	114.0	94.5	74.2	G
RJH2	175.0	149.0	122.0	96.2	H

5 Volts $\pm 0.5V$ ADJ. (RS Models) $\pm 0.25V$ ADJ. (RX & RJ Models)

MODEL	MAX AMPS AT AMBIENT OF				CASE
	40°C	50°C	60°C	71°C	
RS1A5/OVP	3.4	2.9	2.3	1.9	A
RX1A5/OVP	4.0	3.4	2.8	2.2	A
RSB5/OVP	6.0	5.1	4.2	3.3	B
RS1B5/OVP	6.1	5.2	4.3	3.3	B
RX1B5/OVP	7.5	6.4	5.2	4.1	B
RSC5/OVP	9.0	7.7	6.3	5.0	C
RS1C5/OVP	9.2	7.9	6.4	5.1	C
RX1C5/OVP	11.0	9.3	7.7	6.0	C
RJC5/OVP	11.0	9.3	7.7	6.0	C
RSCC5/OVP	12.0	10.0	8.4	6.6	CC
RS1CC5/OVP	14.0	12.0	9.8	7.7	CC
RX1CC5/OVP	16.0	14.0	11.0	8.8	CC
RJCC5/OVP	16.0	14.0	11.0	8.8	CC
RSD5/OVP	15.0	12.8	10.5	8.3	D
RS2D5/OVP	27.5	23.0	19.0	15.0	D
RX2D5/OVP	32.5	28.0	23.0	18.0	D
RJD5/OVP	32.5	28.0	23.0	18.0	D
RSE5/OVP	22.0	18.7	15.4	12.1	E
RS2E5/OVP	35.0	30.0	24.0	20.0	E
RX2E5/OVP	41.5	34.0	29.0	22.0	E
RJE5/OVP	41.5	34.0	29.0	22.0	E
RS2EE5/OVP	44.5	37.8	31.1	24.4	EE
RX2EE5/OVP	52.5	44.6	36.7	28.8	EE
RJEE5/OVP	52.5	44.6	36.7	28.8	EE
RSF5/OVP	60.0	51.0	42.0	33.0	F
RJF5/OVP	70.0	59.5	49.0	38.5	F
RSG5/OVP	100.0	85.0	70.0	55.0	G
RJG5/OVP	135.0	114.0	94.5	74.2	G
RSH5/OVP	140.0	119.0	98.0	77.0	H
RJH5/OVP	175.0	149.0	122.0	96.2	H

NOTE: Consult factory for non-standard output voltages.



10 Volts $\pm 1V$ ADJ. (RS Models) $\pm 0.5V$ ADJ. (RX Models)

MODEL	MAX AMPS AT AMBIENT OF				CASE
	40°C	50°C	60°C	71°C	
RSB10	4.0	3.4	2.8	2.2	B
RS1B10	4.1	3.5	2.9	2.2	B
RX1B10	4.4	3.7	3.1	2.4	B
RSC10	6.0	5.1	4.2	3.3	C
RS1C10	6.2	5.3	4.3	3.4	C
RX1C10	7.0	6.0	4.9	3.9	C
RSCC10	9.0	7.7	6.3	5.0	CC
RS1CC10	10.0	8.5	7.0	5.5	CC
RX1CC10	11.5	9.8	8.0	6.3	CC
RSD10	12.0	10.2	8.4	6.6	D
RS2D10	20.0	17.0	14.0	11.0	D
RSE10	18.0	15.0	13.0	10.0	E
RS2E10	24.5	20.8	17.2	13.5	E
RSEE10	27.0	22.9	18.9	14.8	EE
RSF10	40.0	34.0	28.0	22.0	F
RSG10	64.0	54.4	44.8	35.2	G
RSH10	87.0	74.0	60.9	47.8	H

12 Volts $\pm 1V$ ADJ. (RS Models) $\pm 0.6V$ ADJ. (RX & RJ Models)

MODEL	MAX AMPS AT AMBIENT OF				CASE
	40°C	50°C	60°C	71°C	
RS1A12	2.3	2.0	1.6	1.3	A
RX1A12	2.7	2.3	1.9	1.5	A
RSB12	3.6	3.0	2.5	2.0	B
RS1B12	3.8	3.2	2.6	2.1	B
RX1B12	4.4	3.7	3.1	2.4	B
RJB12	4.4	3.7	3.1	2.4	B
RSC12	5.5	4.7	3.9	3.0	C
RS1C12	5.7	4.9	4.0	3.1	C
RX1C12	6.5	5.5	4.6	3.6	C
RJC12	6.5	5.5	4.6	3.6	C
RSCC12	8.0	6.8	5.6	4.4	CC
RS1CC12	9.0	7.7	6.3	5.0	CC
RX1CC12	10.5	8.9	7.3	5.8	CC
RJCC12	10.5	8.9	7.3	5.8	CC

RS, RX & RJ Series

Enclosed Linear Modular Power Supplies



15 Volts (continued)

MODEL	MAX AMPS AT AMBIENT OF				CASE
	40°C	50°C	60°C	71°C	
RSD15	10.0	8.5	7.0	5.5	D
RS2D15	15.0	13.0	10.5	8.2	D
RX2D15	18.0	15.3	13.0	9.9	D
RJD15	18.0	15.3	13.0	9.9	D
RSE15	15.0	12.8	10.5	8.3	E
RS2E15	19.0	16.0	13.3	10.4	E
RX2E15	23.0	20.0	16.0	13.0	E
RJE15	23.0	20.0	16.0	13.0	E
RSEE15	21.0	17.9	14.7	11.6	EE
RS2EE15	24.5	20.8	17.1	13.4	EE
RX2EE15	29.0	24.6	20.3	15.9	EE
RJEE15	29.0	24.6	20.3	15.9	EE
RSF15	31.0	26.4	21.7	17.1	F
RJF15	36.0	30.6	25.2	19.8	F
RSG15	50.0	42.5	35.0	27.5	G
RJG15	67.0	57.0	46.9	36.8	G
RSH15	72.0	61.2	50.4	39.6	H
RJH15	90.0	76.5	63.0	49.5	H

VOLTAGE AND CURRENT RATINGS

12 Volts (continued)

MODEL	MAX AMPS AT AMBIENT OF				CASE
	40°C	50°C	60°C	71°C	
RSD12	11.0	9.4	7.7	6.1	D
RS2D12	18.0	15.3	13.0	9.9	D
RX2D12	21.0	17.8	14.7	11.5	D
RJD12	21.0	17.8	14.7	11.5	D
RSE12	16.0	13.6	11.2	8.8	E
RS2E12	22.5	19.1	15.7	12.3	E
RX2E12	27.0	23.0	19.0	15.0	E
RJE12	27.0	23.0	19.0	15.0	E
RS2EE12	29.0	24.6	20.3	15.9	EE
RX2EE12	34.0	28.9	23.8	18.7	EE
RJEE12	34.0	28.9	23.8	18.7	EE
RSF12	37.0	30.5	25.9	20.4	F
RJF12	43.0	36.6	30.1	23.6	F
RSG12	56.0	47.6	39.2	30.8	G
RJG12	75.0	63.7	52.5	41.2	G
RSH12	80.0	68.0	56.0	44.0	H
RJH12	100.0	85.0	70.0	55.0	H

18 Volts ±1V ADJ. — All Models

MODEL	MAX AMPS AT AMBIENT OF				CASE
	40°C	50°C	60°C	71°C	
RSB18	2.6	2.2	1.8	1.4	B
RS1B18	2.8	2.4	2.0	1.5	B
RX1B18	3.4	2.9	2.4	1.9	B
RJB18	3.4	2.9	2.4	1.9	B
RSC18	4.5	3.8	3.2	2.5	C
RS1C18	4.8	4.1	3.4	2.6	C
RX1C18	5.5	4.7	3.8	3.0	C
RJC18	5.5	4.7	3.8	3.0	C
RSCC18	6.0	5.1	4.2	3.3	CC
RS1CC18	7.0	6.0	4.9	3.9	CC
RX1CC18	8.5	7.2	5.9	4.7	CC
RJCC18	8.5	7.2	5.9	4.7	CC
RSD18	9.0	8.0	6.0	5.0	D
RS2D18	13.0	11.1	9.1	7.2	D
RSE18	14.0	12.0	9.8	7.7	E
RS2E18	15.0	12.8	10.5	8.3	E
RSEE18	18.0	16.5	13.5	11.5	EE
RSF18	27.0	22.9	18.9	14.8	F
RSG18	42.0	35.7	29.4	23.1	G
RSH18	64.0	54.4	44.8	35.2	H

15 Volts ±1V ADJ. (RS Models) ±0.75V ADJ. (RX & RJ Models)

MODEL	MAX AMPS AT AMBIENT OF				CASE
	40°C	50°C	60°C	71°C	
RS1A15	2.0	1.7	1.4	1.1	A
RX1A15	2.4	2.0	1.7	1.3	A
RSB15	3.0	2.5	2.1	1.6	B
RS1B15	3.2	2.7	2.2	1.8	B
RX1B15	3.7	3.1	2.6	2.0	B
RJB15	3.7	3.1	2.6	2.0	B
RSC15	5.0	4.3	3.5	2.8	C
RS1C15	5.2	4.5	3.6	2.9	C
RX1C15	6.0	5.1	4.2	3.3	C
RJC15	6.0	5.1	4.2	3.3	C
RSCC15	7.0	6.0	4.9	3.9	CC
RS1CC15	8.5	7.2	6.0	4.7	CC
RX1CC15	9.5	8.0	6.6	5.2	CC
RJCC15	9.5	8.0	6.6	5.2	CC

20 Volts ±1V ADJ. — All Models

MODEL	MAX AMPS AT AMBIENT OF				CASE
	40°C	50°C	60°C	71°C	
RSB20	2.4	2.0	1.7	1.3	B
RS1B20	2.5	2.1	1.8	1.4	B
RX1B20	3.0	2.5	2.1	1.6	B
RJB20	3.0	2.5	2.1	1.6	B
RSC20	4.2	3.5	2.9	2.3	C
RS1C20	4.4	3.7	3.1	2.4	C
RX1C20	5.0	4.3	3.5	2.7	C
RJC20	5.0	4.3	3.5	2.7	C
RSCC20	5.5	4.7	3.8	3.0	CC
RS1CC20	6.7	5.7	4.7	3.7	CC
RX1CC20	7.7	6.5	5.4	4.0	CC
RJCC20	7.7	6.5	5.4	4.0	CC
RSD20	8.0	6.8	5.6	4.4	D
RSE20	13.0	11.1	9.1	7.2	E
RSEE20	17.0	14.4	11.9	9.3	EE
RSF20	24.5	20.8	17.1	13.4	F
RSG20	39.0	33.1	27.3	21.9	G
RSH20	60.0	51.0	42.0	33.0	H

Single Output Fixed Voltage Models

VOLTAGE AND CURRENT RATINGS

24 Volts $\pm 1V$ ADJ. — All Models

MODEL	MAX AMPS AT AMBIENT OF				CASE
	40°C	50°C	60°C	71°C	
RS1A24	1.35	1.20	0.95	0.75	A
RX1A24	1.5	1.3	1.0	0.8	A
RSB24	2.0	1.7	1.4	1.1	B
RS1B24	2.2	1.9	1.5	1.2	B
RX1B24	2.7	2.3	1.9	1.5	B
RJB24	2.7	2.3	1.9	1.5	B
RSC24	3.6	3.1	2.5	2.0	C
RS1C24	3.9	3.3	2.7	2.1	C
RX1C24	4.5	3.8	3.2	2.5	C
RJC24	4.5	3.8	3.2	2.5	C
RSCC24	5.0	4.3	3.5	3.0	CC
RS1CC24	6.0	5.1	4.2	3.3	CC
RX1CC24	6.8	5.8	4.8	3.7	CC
RJCC24	6.8	5.8	4.8	3.7	CC
RSD24	7.5	6.4	5.3	4.1	D
RS2D24	10.5	9.0	7.3	5.7	D
RX2D24	12.5	11.0	8.7	6.8	D
RJD24	12.5	11.0	8.7	6.8	D
RSE24	12.0	10.2	8.4	6.6	E
RS2E24	13.5	11.5	9.4	7.4	E
RX2E24	15.5	13.0	11.0	8.5	E
RJE24	15.5	13.0	11.0	8.5	E
RSEE24	15.0	12.8	10.5	8.3	EE
RS2EE24	17.0	14.5	11.9	9.3	EE
RX2EE24	20.0	17.0	14.0	11.0	EE
RJEE24	20.0	17.0	14.0	11.0	EE
RSF24	21.0	17.8	14.7	11.5	F
RJF24	24.5	20.8	17.1	13.4	F
RSG24	36.0	30.6	25.2	19.8	G
RJG24	48.0	41.0	33.6	26.4	G
RSH24	52.0	44.2	36.4	28.6	H
RJH24	61.0	52.0	42.5	33.5	H

28 Volts $\pm 1V$ ADJ. — All Models

MODEL	MAX AMPS AT AMBIENT OF				CASE
	40°C	50°C	60°C	71°C	
RSB28	1.8	1.5	1.3	1.0	B
RS1B28	2.0	1.7	1.4	1.1	B
RX1B28	2.4	2.0	1.7	1.3	B
RJB28	2.4	2.0	1.7	1.3	B
RSC28	3.0	2.6	2.1	1.7	C
RS1C28	3.6	3.1	2.5	2.0	C
RX1C28	4.0	3.4	2.8	2.2	C
RJC28	4.0	3.4	2.8	2.2	C
RSCC28	4.5	3.8	3.1	2.5	CC
RS1CC28	5.5	4.7	3.8	3.0	CC
RX1CC28	6.0	5.1	4.2	3.3	CC
RJCC28	6.0	5.1	4.2	3.3	CC
RSD28	6.5	5.5	4.5	3.6	D
RS2D28	9.5	8.0	6.6	5.2	D
RX2D28	11.0	9.0	7.7	6.0	D
RJD28	11.0	9.0	7.7	6.0	D
RSE28	11.0	9.0	7.7	6.0	E
RS2E28	12.0	10.0	8.4	6.6	E
RX2E28	14.0	12.0	9.8	7.7	E
RJE28	14.0	12.0	9.8	7.7	E
RSEE28	14.0	12.0	9.8	7.7	EE
RS2EE28	15.0	12.7	10.5	8.2	EE
RX2EE28	18.0	15.3	12.6	9.9	EE
RJEE28	18.0	15.3	12.6	9.9	EE
RSF28	19.0	16.0	13.3	10.4	F
RJF28	22.0	19.0	15.0	12.0	F
RSG28	33.0	30.0	25.0	19.0	G
RJG28	44.0	37.4	30.8	24.2	G
RSH28	47.0	40.0	32.9	25.8	H
RJH28	50.0	42.7	35.0	27.5	H

NOTE: Consult factory for non-standard output voltages.



36 Volts $\pm 1.5V$ ADJ. — All Models

MODEL	MAX AMPS AT AMBIENT OF				CASE
	40°C	50°C	60°C	71°C	
RSB36	1.3	1.1	0.9	0.7	B
RS1B36	1.4	1.2	1.0	0.8	B
RX1B36	1.7	1.4	1.2	0.9	B
RJB36	1.7	1.4	1.2	0.9	B
RSC36	2.3	2.0	1.6	1.3	C
RS1C36	2.5	2.1	1.8	1.4	C
RX1C36	3.0	2.6	2.1	1.7	C
RJC36	3.0	2.6	2.1	1.7	C
RSCC36	3.5	3.3	2.4	2.0	CC
RS1CC36	3.8	3.5	2.7	2.1	CC
RX1CC36	4.6	4.3	3.2	2.5	CC
RJCC36	4.6	4.3	3.2	2.5	CC
RSD36	5.7	4.8	4.0	3.1	D
RSE36	8.5	7.2	6.8	4.7	E
RSEE36	11.0	9.3	7.7	6.0	EE
RS2EE36	12.0	10.2	8.4	6.6	EE
RX2EE36	14.0	11.9	9.8	7.7	EE
RSF36	15.0	12.7	10.5	8.3	F
RSG36	25.0	21.0	17.5	13.7	G
RSH36	40.0	34.0	28.0	22.0	H

48 Volts $\pm 2V$ ADJ. — All Models

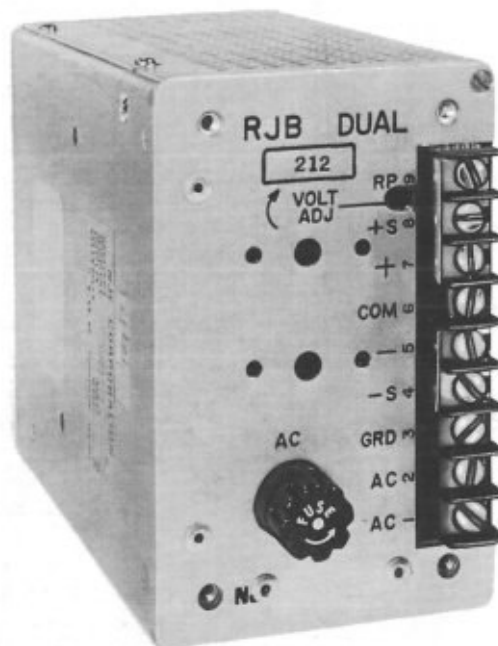
MODEL	MAX AMPS AT AMBIENT OF				CASE
	40°C	50°C	60°C	71°C	
RSB48	1.1	0.9	0.8	0.6	B
RS1B48	1.2	1.0	0.8	0.7	B
RX1B48	1.4	1.2	1.0	0.8	B
RJB48	1.4	1.2	1.0	0.8	B
RSC48	1.8	1.5	1.3	1.0	C
RS1C48	2.0	1.7	1.4	1.1	C
RX1C48	2.3	2.0	1.6	1.3	C
RJC48	2.3	2.0	1.6	1.3	C
RSCC48	3.0	2.5	2.1	1.7	CC
RS1CC48	3.4	2.9	2.4	1.9	CC
RX1CC48	4.0	3.4	2.8	2.2	CC
RJCC48	4.0	3.4	2.8	2.2	CC
RSD48	4.2	3.6	3.0	2.3	D
RS2D48	5.0	4.3	3.5	2.8	D
RX2D48	6.5	5.5	4.6	3.6	D
RSE48	6.5	5.5	4.5	3.6	E
RSEE48	8.0	7.4	6.8	5.7	EE
RSF48	11.0	9.3	7.7	6.0	F
RSG48	19.0	16.0	13.3	10.4	G
RSH48	28.0	23.8	19.6	15.4	H

Enclosed Linear Modular Power Supplies Dual and Triple Output Models

Dual & Dual Tracking¹

+15V AND -15V ADJUSTABLE TO +12V AND -12V

MODEL	VOLTAGE RANGE	MAX AMPS AT AMBIENT OF				CASE
		40°C	50°C	60°C	71°C	
RSB212	at ± 12	1.4	1.3	1.1	0.6	B
	at ± 15	1.6	1.4	1.2	0.7	
RXB212	at ± 15	1.8	1.53	1.26	0.99	B
	at ± 12	1.4	1.18	0.98	0.77	
RJB212	at ± 15	1.8	1.53	1.26	0.99	
	at ± 12	1.4	1.18	0.98	0.77	
RSC212	at ± 12	2.5	2.1	1.8	1.2	C
	at ± 15	3.0	2.6	2.1	1.5	
RXC212	at ± 15	3.0	2.55	2.10	1.65	C
	at ± 12	2.5	2.12	1.75	1.37	
RJC212	at ± 15	3.0	2.55	2.10	1.65	C
	at ± 12	2.5	2.12	1.75	1.37	
RJCC212	at ± 15	4.6	3.91	3.22	2.53	CC
	at ± 12	3.7	3.14	2.59	2.03	
RJD212	at ± 15	9.0	7.65	6.30	4.95	D
	at ± 12	7.2	6.10	5.04	3.96	
RJE212	at ± 15	11.5	9.75	8.03	6.32	E
	at ± 2	9.2	7.80	6.44	5.06	



Triple Output²

5V AND +15V AND -15V ADJUSTABLE TO +12V AND -12V

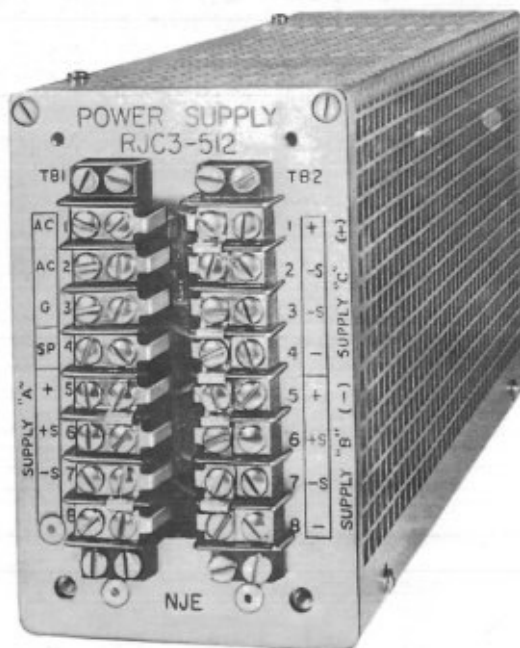
MODEL	VOLTAGE RANGE	MAX AMPS AT AMBIENT OF				CASE
		40°C	50°C	60°C	71°C	
RJC3-512	+ 5	5.0	4.25	3.50	2.75	C
	at ± 15	1.2	1.02	0.83	0.66	
	at ± 12	1.0	0.85	0.70	0.55	
RJD3-512	+ 5	16.0	13.60	11.20	8.80	D
	at ± 15	3.1	2.64	2.17	1.70	
	at ± 12	2.3	1.95	1.61	1.26	

The above are typical of our multiple output capabilities. Consult with the factory on your specific multiple output series regulated power supply requirements.

- (1) All Duals are wired as dual tracking. Duals may be wired as single outputs at factory if so specified. Isolated option allows for separate voltage and current rating. (Consult factory).
Specify OVP type as follows:
Tracking option with Single OVP (standard), specify-OVP-1
Isolated option with Dual OVP, specify-OVP-2
Tracking accuracy: 0.1%
- (2) Triple units are factory wired as single output plus dual tracking. Triple models are available with all three outputs isolated. (Consult factory).
Specify OVP type as follows:
Single OVP on dual output & OVP on +5 volt output. (standard)
Two separate OVPs on isolated outputs & OVP on +5 volt output, specify-OVP-2
Tracking accuracy: 0.1%
- (3) Other voltage/current combinations available—consult factory.
- (4) Case Sizes: B: 4-29/32" x 3-15/64" x 6-1/2"
C: 4-29/32" x 3-15/64" x 9-3/8"
CC: 4-29/32" x 4-15/16" x 9-3/8"
D: 4-29/32" x 7-1/2" x 9-51/64"
E: 4-29/32" x 7-1/2" x 11-3/4"
EE: 4-29/32" x 7-1/2" x 16-1/2"

For Dimensional Details see Figures 4, 5, 6 and 10.

- (5) See first page of this section for specifications.



Options

For RS, RX, and RJ Series Supplies

- OVP **Overvoltage protection** is provided by internal SCR crowbar with externally adjustable trip-point (OVP is standard on all 5 volt models).
- 208
—220
—230
—240 **Special input voltage.** Number signifies nominal value. Range is $\pm 10\%$. For multiple input voltages consult factory.
- SS The **series start** option is for applications where more than one voltage source is used, and where another supply of opposite polarity may turn-on first. The option insures that the supply will come up to full voltage even if its output is reverse biased at turn-on. This option may also be used to insure turn-on when the load has a high inrush or initial current requirement.
- TH **Thermostat** provides for automatic shutdown when internal heat sink temperature exceeds safe limit. Supply automatically restarts when temperature returns to within safe limits.
- LSR The **load sharing-redundant** option provides for exact load sharing between two similar supplies in parallel and provides redundant capability where either supply will assume the full load upon failure of the other. This option may also be used to provide the combined total output of both supplies (double the rated output of either) without any derating for mismatch.
- R The **redundant** option allows for two similar supplies to be operated in parallel with one supplying the load and the other on standby. The supply on standby will automatically take over if the other supply should fail. You must also specify OVP Option when specifying this option.
- M An **ammeter and voltmeter** are provided on the front panel to indicate output voltage and current. This option is available only on the rack models (F, G and H). Rack supplies ordered without this option have front panel test jacks for monitoring output voltage.
- CS Chassis-Trak CTS series **chassis slides** are provided with this option available on all rack models (F, G and H). The width of rack increases by slide thickness.
- TBC A plastic **terminal block cover** is provided to cover the standard barrier strip.
- SF **Special finishes** other than standard NJE blue can be provided. The Federal Standard 595 color chip number must be provided or the customer may supply the paint. NJE has found that customer supplied special paint insures that the finish will be exactly as required and recommends this approach if at all possible.
- E Printed circuit boards are processed with a **fungus inert** conformal coating.
- P A **power cord** is connected to the AC input terminals of the supply for convenience in connecting to the AC line.

Rack Mounting Accessories

For Systems Using NJE Power Supplies

All NJE power supplies may be incorporated into a rack mounting assembly. From one to eight supplies, depending upon specific case sizes, may be incorporated per assembly.

A variety of standard front panel and rear termination configurations are available. Following is a list of some of the features which can be incorporated into a rack assembly.

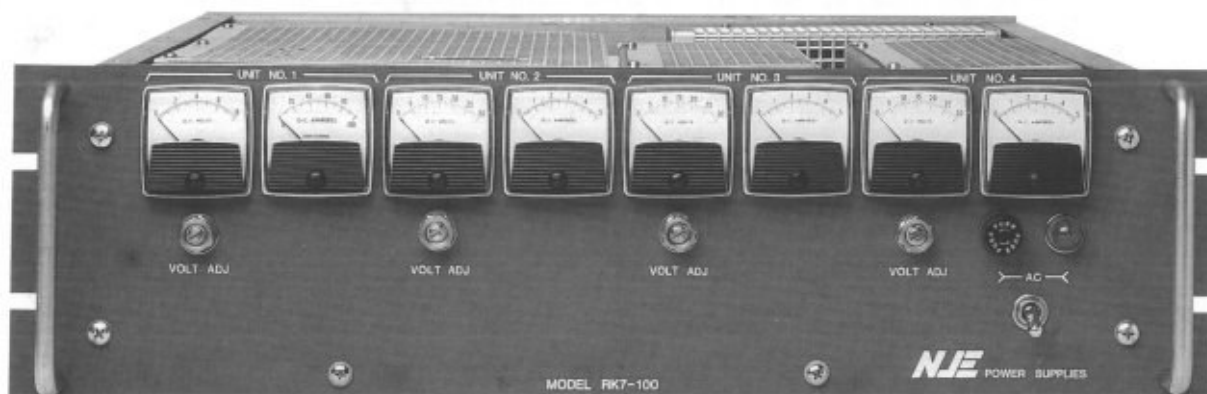
Front Panel

- Meters for voltage and current monitoring of each supply
- AC on-off switch, pilot lamp, and fuse for each power supply or one set for the entire assembly
- Output voltage control for each power supply
- Test jacks for monitoring output voltage

Rear Termination

- Separate terminal boards for input/output connections to each supply
- AC line cord or terminal board for assembly input power

For assistance in specifying and ordering a rack mounting power supply assembly, please consult factory.



Custom Rack Mountable Assemblies

In addition to our standard configurations, we can provide assemblies designed specifically for your OEM application. These systems may include your choice of switching regulated power supplies for highest output wattage, linear power supplies for low noise, or ferroresonant for maximum reliability. We can also incorporate features such as N + 1 redundancy, live replacement of modules, sequential start-up, special logic control or fault shut-down circuitry.

Call us today to discuss your OEM system requirements.

Package A

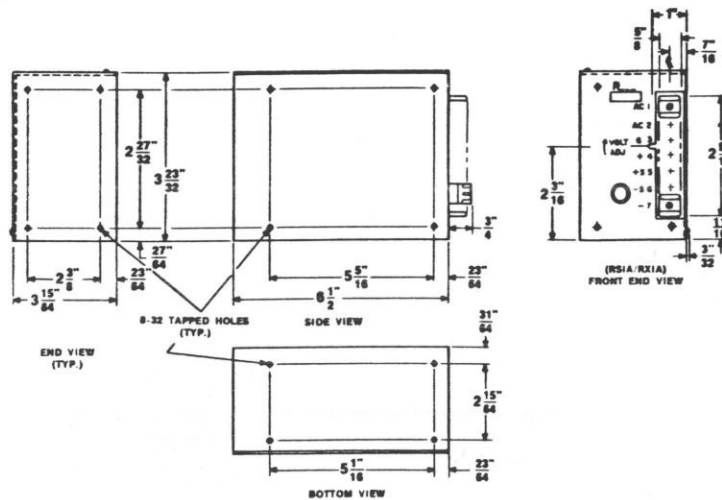


Figure 1

Package B

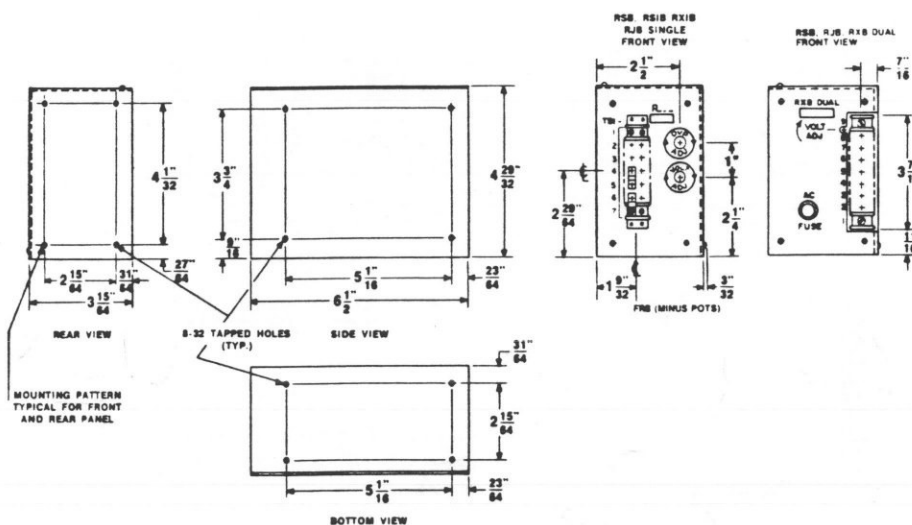


Figure 2

Package C

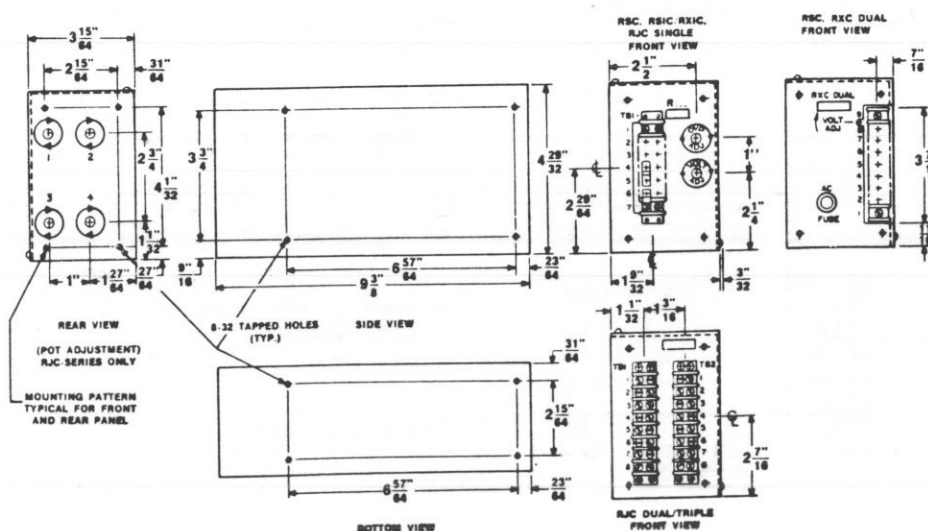


Figure 3

Package CC

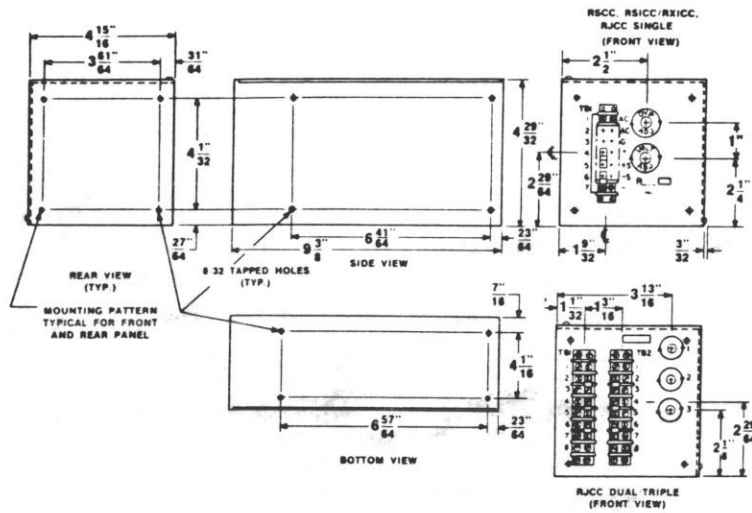
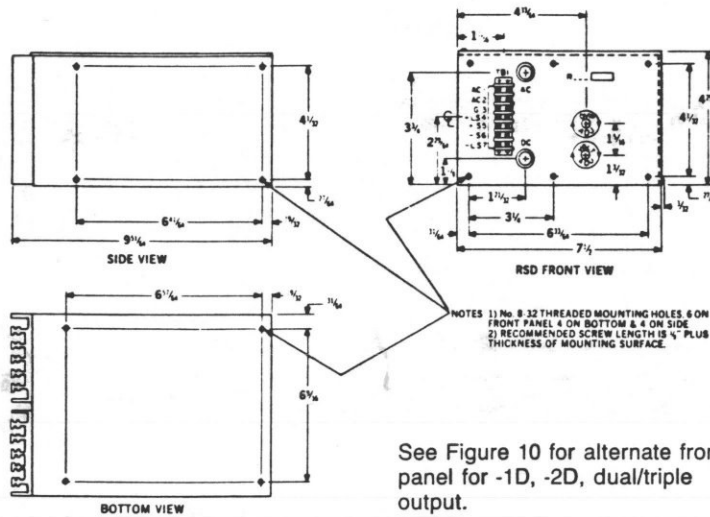


Figure 4

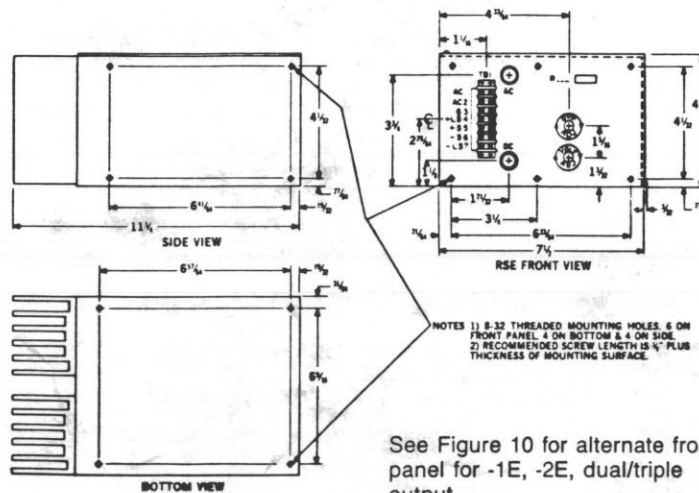
Package D



See Figure 10 for alternate front panel for -1D, -2D, dual/triple output.

Figure 5

Package E



See Figure 10 for alternate front panel for -1E, -2E, dual/triple output.

Figure 6

Package F

NOTES
1) UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE $\pm \frac{1}{32}$

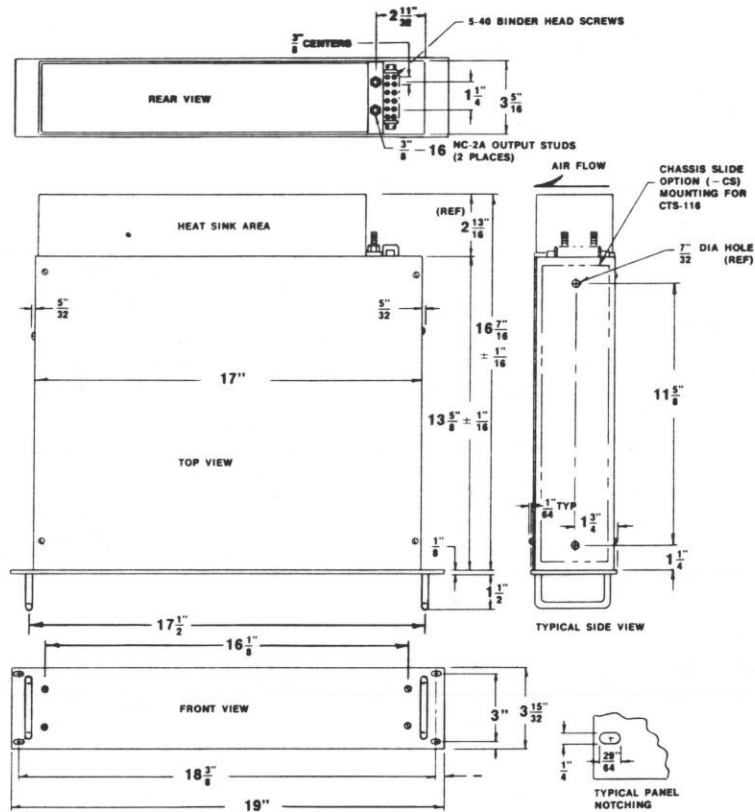


Figure 9

Package G

NOTES
1) UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE $\pm \frac{1}{32}$

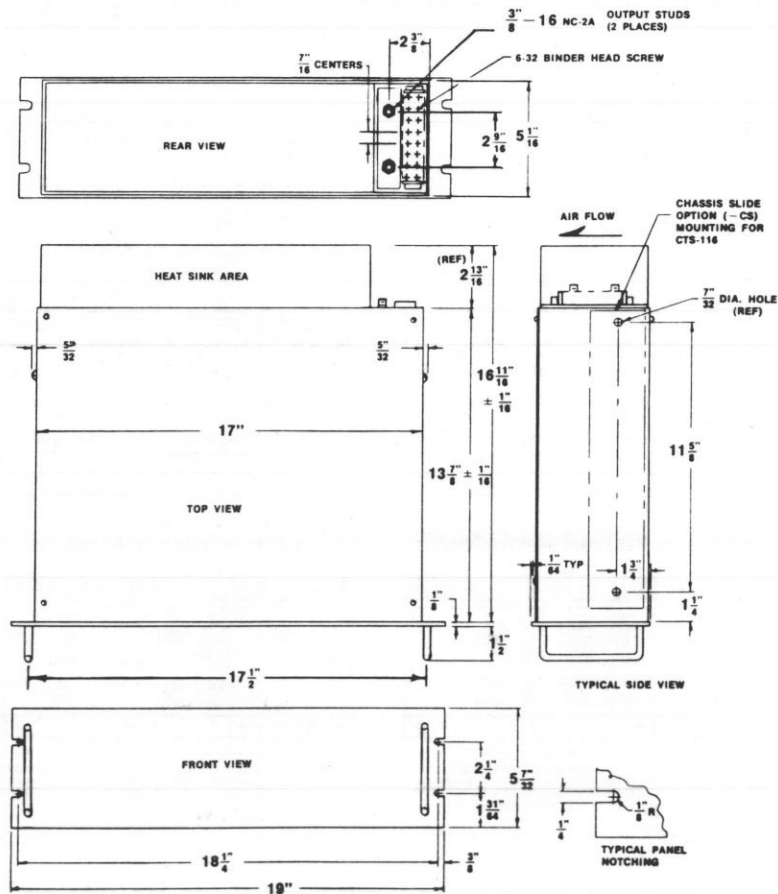


Figure 10

Package H

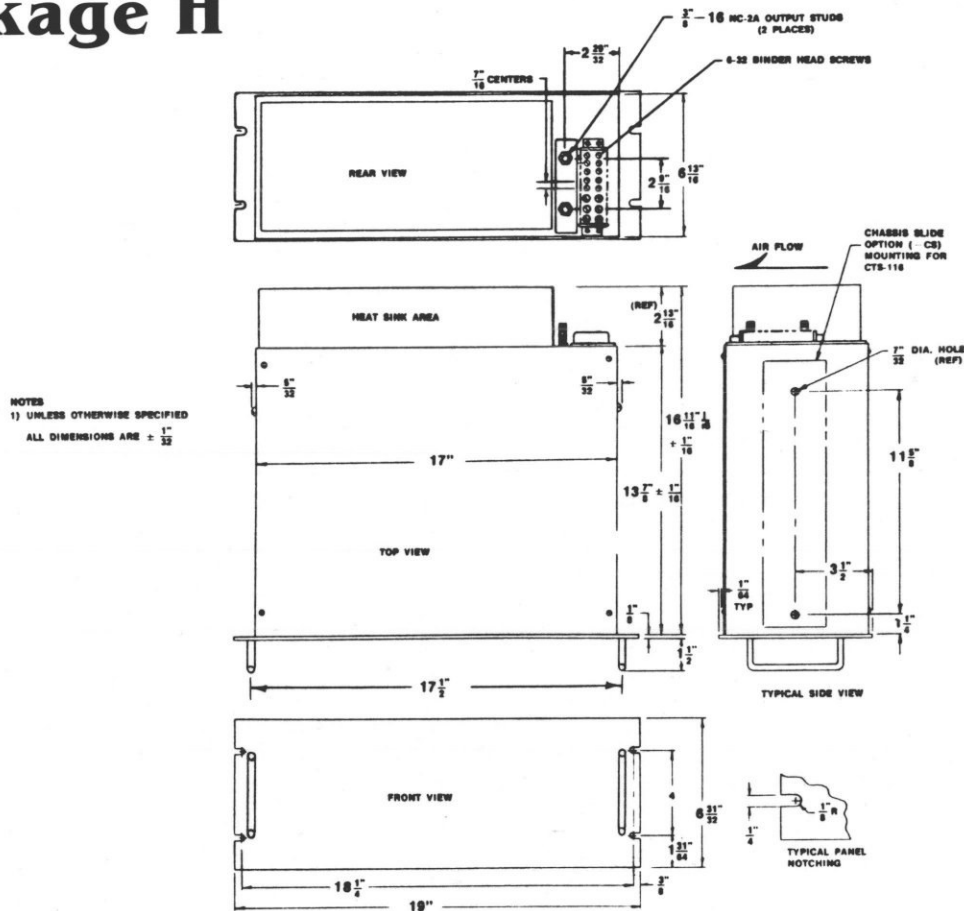


Figure 11