

UNIVERSAL RECTIFIER POWER / primary 117 volts, 50-60 Hz

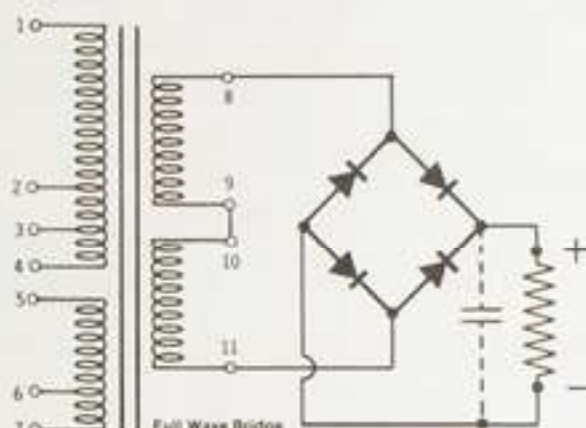
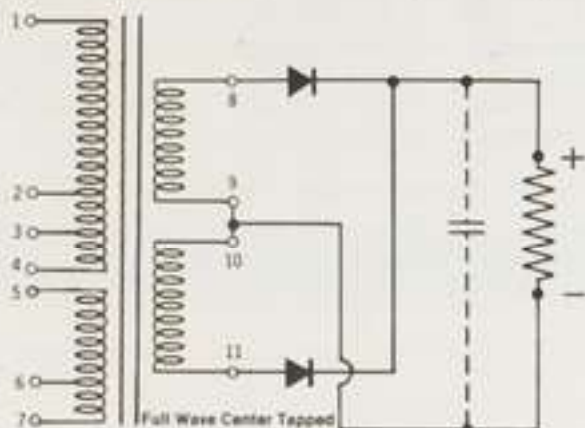
These Triad units give maximum flexibility when integrated into full-wave CT or bridge type circuits with silicon or selenium rectifiers.

No. F-200A has two identical secondary windings, each supplying 13 or 18 AC volts at 900 DC ma. Secondary voltages are selected by primary taps. The other 6 units have primaries connected to terminals 1, 2, 3 and 4. A separate winding connected to terminals 5, 6, and 7 is used in series with the primary to increase or decrease the secondary voltage output. The secondaries of these 6 transformers consist of two identical windings which may be connected to give a wide variety of output voltages. Instructions packed with each unit indicate specific terminal connections and voltage combinations which may be obtained by using the taps on both

primary and secondary windings, plus the "bucking" action of the additional primary winding.

The voltages in these tables were obtained using silicon rectifiers, and capacitor values shown for capacitive loads. Actual voltages obtained may vary slightly from values shown due to voltage drops across rectifiers, actual capacitor values, and lead losses.

It may be necessary to de-rate current values in capacitive circuits by 15-20% for lower transformer and rectifier temperatures if the higher temperatures produced by these circuits are objectionable. Be sure to choose rectifiers with suitable characteristics to handle voltages and currents shown, as well as PIV and surge currents which will be encountered.



Type No.	Secondary No. 1 AC Volts	Secondary DC Amps		Secondary No. 2 AC Volts DC Amps	RMS Test Volts	Case Type	Connections	Case Dimensions			Mounting Dimension		Mfg. Hole Size	Max. Unit Wt. Lbs.
		Full Wave CT	Bridge					H	W	D	NW	MD		
F-200A	13 or 18 @ 9 ADC			13 or 18 @ 9 ADC	1500	A	Leads	3 1/2	2 1/2	2 1/2	2	2	5/16 x 5/16	2.7
F-202U	11.0 to 29.5	2.0	1.25		1500	U	Lugs	3	2 1/2	3	2	2 1/2	5/16 x 5/16	2.5
F-203U	12.0 to 30.0	4.0	2.0		1500	U	Lugs	3 1/2	2 1/2	3 1/2	2 1/2	2 1/2	5/16 x 5/16	3.8
F-204U	11.5 to 29.0	8.0	4.0		1500	U	Lugs	3 1/2	3 1/2	4 1/2	2 1/2	2 1/2	5/16 x 5/16	8.1
F-205U	12.0 to 29.5	12.0	6.0		1500	U	Lugs	4 1/2	3 1/2	5 1/2	2 1/2	3 1/2	5/16 x 5/16	8.1
F-206U	12.1 to 29.2	15.0	8.0		1500	U	Lugs	4 1/2	3 1/2	5	2 1/2	3 1/2	5/16 x 5/16	12.8
F-207U	12.2 to 29.0	22.5	12.0		1500	U	Lugs	5 1/2	4 1/2	5 1/2	3 1/2	4 1/2	5/16 x 5/16	20.5

FULL WAVE CENTER-TAPPED 2.0 ADC						FULL WAVE BRIDGE 1.25 ADC			
F-202U		Resistive Load		Capacitive Load (1000 mfd)		Resistive Load		Capacitive Load (500 mfd)	
		Secondary AC Volts	D.C. Volts	Secondary AC Volts	D.C. Volts	Secondary AC Volts	D.C. Volts	Secondary AC Volts	D.C. Volts
1-2		30.2	12.2	30.0	15.3	29.3	24.6	29.3	33.3
1-7	2-6	27.0	10.6	26.9	13.0	26.2	21.7	26.0	28.6
1-6	2-5	23.8	9.2	23.7	11.1	23.0	18.9	23.0	24.6
1-7	2-5	21.7	8.2	21.7	9.8	20.7	16.9	20.7	21.9
1-3		19.7	7.3	19.7	8.7	18.1	15.5	18.9	19.7
1-7	3-6	18.3	6.6	18.1	7.8	17.5	14.1	17.4	17.7
1-6	3-5	16.6	5.8	16.6	6.9	15.8	12.8	15.8	15.7
1-7	3-5	15.4	5.4	15.4	6.1	14.7	11.7	14.7	14.4
1-4		14.7	5.1	14.7	5.7	14.1	11.1	14.0	13.4
1-7	4-6	13.8	4.7	13.7	5.1	13.2	10.2	13.1	12.4
1-6	4-5	12.8	4.3	12.8	4.6	12.2	9.4	12.2	11.2
1-7	4-5	12.2	3.9	12.1	4.2	11.5	8.8	11.4	10.3

FULL WAVE CENTER-TAPPED 4.0 ADC						FULL WAVE BRIDGE 2.0 ADC			
F-203U		Resistive Load		Capacitive Load (2000 mfd)		Resistive Load		Capacitive Load (1000 mfd)	
		Secondary AC Volts	D.C. Volts	Secondary AC Volts	D.C. Volts	Secondary AC Volts	D.C. Volts	Secondary AC Volts	D.C. Volts
1-2		29.8	12.0	29.7	15.0	29.5	24.7	29.5	34.7
1-7	2-6	26.7	10.6	26.6	12.8	26.3	21.9	26.3	30.3
1-6	2-5	24.7	9.7	24.5	11.7	24.3	20.1	24.2	27.4
1-7	2-5	22.4	8.6	22.2	10.2	22.0	18.0	22.1	24.4
1-3		21.3	8.2	21.2	9.6	21.0	17.2	21.0	23.2
1-7	3-6	19.4	7.2	19.4	8.6	19.2	15.6	19.2	21.0
1-6	3-5	18.2	6.7	18.2	8.0	18.0	14.5	18.0	19.3
1-7	3-5	16.9	6.2	17.0	7.1	16.6	13.4	16.6	17.6
1-4		14.8	5.2	14.7	5.8	14.5	11.4	14.5	14.8
1-7	4-6	13.8	4.8	13.8	5.3	13.7	10.6	13.6	13.6
1-6	4-5	13.2	4.5	13.2	4.9	13.1	10.1	12.9	12.8
1-7	4-5	12.9	4.2	12.4	4.6	12.3	9.4	12.3	11.9