

rectifier power transformers

CHOICE OF SINGLE 115V OR DUAL 115/230V PRIMARIES

Primary 50/60 Hz		Secondary RMS Rating*		Mtg. Style	L	W	H	ML	MW	Mtg. Screw	Approx. Lbs.
Single 115V.	Dual* 115/230V.	Series	Parallel								
10-1	DL 10-1	10V C.T. @ 1A	5V C.T. @ 2A	C	2 7/8	1 3/4	2 3/8	2 3/8	—	#8	1.0
10-2	DL 10-2	10V C.T. @ 2A	5V C.T. @ 4A	C	3 1/8	2 1/8	2 3/8	2 13/16	—	#8	1.5
10-4	DL 10-4	10V C.T. @ 4A	5V C.T. @ 8A	C	3 3/8	2 3/8	3 1/8	3 1/8	—	#8	2.3
10-6	DL 10-6	10V C.T. @ 6A	5V C.T. @ 12A	B	3 3/8	2 3/8	2 13/16	2 13/16	2 1/2	#8	3.3
10-8	DL 10-8	10V C.T. @ 8A	5V C.T. @ 16A	B	3 3/8	3 1/8	2 13/16	2 13/16	2 1/2	#8	4.0
10-12	DL 10-12	10V C.T. @ 12A	5V C.T. @ 24A	B	3 3/8	3 1/8	3 1/8	3 1/8	2 1/2	#8	5.0
10-25	DL 10-25	10V C.T. @ 25A	5V C.T. @ 50A	B	4 1/2	3 3/4	3 3/4	3 3/4	2 3/4	#10	8.7
10-50†	DL 10-50	10V C.T. @ 50A	5V C.T. @ 100A	B	5 1/4	5 1/2	4 3/8	4 3/8	3 3/8	1/4	17.0
10-100†	DL 10-100	10V C.T. @ 100A	5V C.T. @ 200A	B	6 3/8	7 1/4	5 3/8	5 3/8	4 3/8	1/4	34.5
12.8-1	DL 12.8-1	12.8V C.T. @ 1A	6.4V C.T. @ 2A	C	2 7/8	2	2 3/8	2 3/8	—	#8	1.2
12.8-2	DL 12.8-2	12.8V C.T. @ 2A	6.4V C.T. @ 4A	B	3	2 1/2	2 1/2	2 1/2	2	#8	2.3
12.8-4	DL 12.8-4	12.8V C.T. @ 4A	6.4V C.T. @ 8A	B	3	2 7/8	2 1/2	2 1/2	2 3/8	#8	2.8
12.8-6	DL 12.8-6	12.8V C.T. @ 6A	6.4V C.T. @ 12A	B	3 3/8	3 1/8	2 13/16	2 13/16	2 1/2	#8	4.0
12.8-8	DL 12.8-8	12.8V C.T. @ 8A	6.4V C.T. @ 16A	B	3 3/8	3 1/8	3 1/8	3 1/8	2 1/2	#8	4.5
12.8-12	DL 12.8-12	12.8V C.T. @ 12A	6.4V C.T. @ 24A	B	4 1/8	3 1/4	3 1/8	3 1/8	2 3/8	#10	6.0
12.8-25	DL 12.8-25	12.8V C.T. @ 25A	6.4V C.T. @ 50A	B	5 1/4	4 3/4	4 3/8	4 3/8	2 7/8	#10	12.5
12.8-50†	DL 12.8-50	12.8V C.T. @ 50A	6.4V C.T. @ 100A	B	5 1/4	6	4 3/8	4 3/8	4 3/8	1/4	20.7
12.8-100†	DL 12.8-100	12.8V C.T. @ 100A	6.4V C.T. @ 200A	B	6 3/8	7 1/4	5 3/8	5 3/8	4 3/8	1/4	34.5
16-1	DL 16-1	16V C.T. @ 1A	8V C.T. @ 2A	C	2 7/8	2	2 3/8	2 3/8	—	#8	1.2
16-2	DL 16-2	16V C.T. @ 2A	8V C.T. @ 4A	C	3 1/8	2 1/4	2 3/8	2 13/16	—	#8	1.7
16-4	DL 16-4	16V C.T. @ 4A	8V C.T. @ 8A	B	3 3/8	2 3/4	2 13/16	2 13/16	2 1/2	#8	3.3
16-6	DL 16-6	16V C.T. @ 6A	8V C.T. @ 12A	B	3 3/8	3 1/8	3 1/8	3 1/8	2 1/4	#10	4.5
16-8	DL 16-8	16V C.T. @ 8A	8V C.T. @ 16A	B	3 3/8	3 1/2	3 1/8	3 1/8	2 3/8	#10	5.4
16-12	DL 16-12	16V C.T. @ 12A	8V C.T. @ 24A	B	4 1/8	3 3/8	3 1/8	3 1/8	3	#10	7.9
16-25	DL 16-25	16V C.T. @ 25A	8V C.T. @ 50A	B	4 1/2	5 3/8	3 3/4	3 3/4	4	#10	14.5
16-50†	DL 16-50	16V C.T. @ 50A	8V C.T. @ 100A	B	6 3/8	5 3/4	5 3/8	5 3/8	3 3/4	1/4	26.5
16-100†	DL 16-100	16V C.T. @ 100A	8V C.T. @ 200A	B	7 1/2	7 1/2	6 3/8	6 3/8	4 3/8	1/4	50.0
24-1	DL 24-1	24V C.T. @ 1A	12V C.T. @ 2A	B	3	2 1/2	2 1/2	2 1/2	2	#8	2.3
24-2	DL 24-2	24V C.T. @ 2A	12V C.T. @ 4A	B	3	2 7/8	2 1/2	2 1/2	2 3/8	#8	2.9
24-4	DL 24-4	24V C.T. @ 4A	12V C.T. @ 8A	B	3 3/8	3 1/8	3 1/8	3 1/8	2 1/4	#8	4.5
24-6	DL 24-6	24V C.T. @ 6A	12V C.T. @ 12A	B	4 1/8	3 1/4	3 1/8	3 1/8	2 3/8	#10	5.8
24-8	DL 24-8	24V C.T. @ 8A	12V C.T. @ 16A	B	4 1/8	3 3/8	3 1/8	3 1/8	3	#10	7.9
24-12†	DL 24-12	24V C.T. @ 12A	12V C.T. @ 24A	B	4 1/2	4 1/2	3 3/4	3 3/4	3 3/8	#10	11.0
24-20†	DL 24-20	24V C.T. @ 20A	12V C.T. @ 40A	B	5 1/4	4 3/4	4 3/8	4 3/8	3 3/8	1/4	15.3
24-25†	DL 24-25	24V C.T. @ 25A	12V C.T. @ 50A	B	5 1/4	5 3/8	4 3/8	4 3/8	4 3/8	1/4	19.5
24-50†	DL 24-50	24V C.T. @ 50A	12V C.T. @ 100A	B	6 3/8	6 1/4	5 3/8	5 3/8	4 3/8	1/4	31.3
24-100†	DL 24-100	24V C.T. @ 100A	12V C.T. @ 200A	B	7 1/2	7	6 3/8	6 3/8	4 3/8	1/4	43.0
36-1	DL 36-1	36V C.T. @ 1A	18V C.T. @ 2A	B	3	2 3/4	2 1/2	2 1/2	2 1/4	#8	2.6
36-2	DL 36-2	36V C.T. @ 2A	18V C.T. @ 4A	B	3 3/8	2 13/16	2 13/16	2 13/16	2 3/8	#8	3.8
36-4	DL 36-4	36V C.T. @ 4A	18V C.T. @ 8A	B	4 1/8	3 3/8	3 3/8	3 3/8	2 3/8	#10	6.8
36-6	DL 36-6	36V C.T. @ 6A	18V C.T. @ 12A	B	4 1/2	3 3/4	3 3/4	3 3/4	2 3/4	#10	8.7
36-8†	DL 36-8	36V C.T. @ 8A	18V C.T. @ 16A	B	4 1/2	4 1/2	3 3/4	3 3/4	3 3/8	#10	11.0
36-12†	DL 36-12	36V C.T. @ 12A	18V C.T. @ 24A	B	5 1/4	5	4 3/8	4 3/8	3 3/8	1/4	15.0
36-20†	DL 36-20	36V C.T. @ 20A	18V C.T. @ 40A	B	6 3/8	5 3/8	5 3/8	5 3/8	3 3/8	1/4	22.8
36-25†	DL 36-25	36V C.T. @ 25A	18V C.T. @ 50A	B	6 3/8	5 3/4	5 3/8	5 3/8	3 3/4	1/4	26.5
36-30†	DL 36-30	36V C.T. @ 30A	18V C.T. @ 60A	B	6 3/8	6	5 3/8	5 3/8	4 3/8	1/4	31.5
36-50†	DL 36-50	36V C.T. @ 50A	18V C.T. @ 100A	B	6 3/8	7 1/4	5 3/8	5 3/8	5 1/8	1/4	40.0
56-1	DL 56-1	56V C.T. @ 1A	28V C.T. @ 2A	B	3 3/8	2 7/8	2 13/16	2 13/16	2 1/4	#8	3.5
56-2	DL 56-2	56V C.T. @ 2A	28V C.T. @ 4A	B	3 3/8	3 1/4	3 1/8	3 1/8	2 1/2	#8	5.0
56-4	DL 56-4	56V C.T. @ 4A	28V C.T. @ 8A	B	4 1/8	3 3/4	3 3/8	3 3/8	3	#10	7.7
56-6	DL 56-6	56V C.T. @ 6A	28V C.T. @ 12A	B	5 1/4	4 3/4	4 3/8	4 3/8	2 7/8	#10	12.0
56-8†	DL 56-8	56V C.T. @ 8A	28V C.T. @ 16A	B	5 1/4	5	4 3/8	4 3/8	3 3/8	1/4	17.0
56-12†	DL 56-12	56V C.T. @ 12A	28V C.T. @ 24A	B	6 3/8	5 1/4	5 3/8	5 3/8	3 3/8	1/4	22.0
56-25†	DL 56-25	56V C.T. @ 25A	28V C.T. @ 50A	B	6 3/8	7 1/8	5 3/8	5 3/8	5 1/8	1/4	38.0
56-50†	DL 56-50	56V C.T. @ 50A	28V C.T. @ 100A	B	7 1/2	7 1/2	6 3/4	6 3/4	4 3/8	1/4	56.3
68-1	DL 68-1	68V C.T. @ 1A	34V C.T. @ 2A	B	3 3/8	2 13/16	2 13/16	2 13/16	2 3/8	#8	3.8
68-2	DL 68-2	68V C.T. @ 2A	34V C.T. @ 4A	B	4 1/8	3 3/8	3 3/8	3 3/8	2 3/8	#10	6.8
68-4	DL 68-4	68V C.T. @ 4A	34V C.T. @ 8A	B	4 1/2	3 3/4	3 3/4	3 3/4	3 3/8	#10	11.5
68-6†	DL 68-6	68V C.T. @ 6A	34V C.T. @ 12A	B	5 1/4	5	4 3/8	4 3/8	3 3/8	1/4	15.0
68-8†	DL 68-8	68V C.T. @ 8A	34V C.T. @ 16A	B	5 1/4	5 1/2	4 3/8	4 3/8	3 3/8	1/4	19.0
68-12†	DL 68-12	68V C.T. @ 12A	34V C.T. @ 24A	B	6 3/8	5 3/4	5 3/8	5 3/8	3 3/4	1/4	26.5
68-25†	DL 68-25	68V C.T. @ 25A	34V C.T. @ 50A	B	6 3/8	7 1/4	5 3/8	5 3/8	5 1/8	1/4	39.7
80-1	DL 80-1	80V C.T. @ 1A	40V C.T. @ 2A	B	3 3/8	3 1/8	2 13/16	2 13/16	2 1/2	#8	4.0
80-2	DL 80-2	80V C.T. @ 2A	40V C.T. @ 4A	B	4 1/8	3 3/8	3 3/8	3 3/8	2 3/8	#10	6.8
80-4	DL 80-4	80V C.T. @ 4A	40V C.T. @ 8A	B	5 1/4	4 3/4	4 3/8	4 3/8	2 7/8	1/4	12.3
80-6†	DL 80-6	80V C.T. @ 6A	40V C.T. @ 12A	B	5 1/4	5 1/2	4 3/8	4 3/8	3 3/8	1/4	19.0
80-8†	DL 80-8	80V C.T. @ 8A	40V C.T. @ 16A	B	6 3/8	5 1/4	5 3/8	5 3/8	3 3/4	1/4	20.5
80-12†	DL 80-12	80V C.T. @ 12A	40V C.T. @ 24A	B	6 3/8	6	5 3/8	5 3/8	4 3/8	1/4	29.0
80-25†	DL 80-25	80V C.T. @ 25A	40V C.T. @ 50A	B	7 1/2	6 1/2	6 3/4	6 3/4	3 3/8	1/4	40.3

†Available with dual primary only. Therefore, prefix "DL" is not required.
 ‡Nominal 115V primary has added taps, I.E., 105/115/125V. Dual (DL) version is 115/230V only.

Items shown in shaded area are not normally in stock. They are standard designs generally available in 3-4 weeks.

All transformers are designed conservatively and are rated for 50/60 Hz. Only prime raw materials are used. Units are thoroughly impregnated and baked with Signal's own high gloss varnish. The transformers and chokes are rugged in construction, well insulated, and have a consistently uniform appearance. All ratings are at full load current continuous operation. Hipot rating of 1500V RMS is standard.

Electrical ratings have been chosen to cover a wide range of applications. All transformers have two center-tapped secondary windings, which may be series or parallel connected as indicated in rating chart.

*The secondary currents shown in the tables are RMS ratings. Depending upon rectifier circuit configurations, the RMS secondary current is different than the DC output current. This is indicated in the chart below:

Rectifier Type	Filter Type	RMS Secondary Current Is
Full Wave Center-Tap	Choke Input	= 0.7 x DC Amps
Center-Tap	Capacitor Input	= 1 to 1.2 x DC Amps
Full Wave Bridge	Choke Input	= DC Amps
Full Wave Bridge	Capacitor Input	= 1.6 to 1.8 x DC Amps

For example, in a F.W. Bridge circuit with a capacitive filter, if the load is 1 Amp DC, the RMS Secondary current is 1.6 to 1.8 Amp RMS.

