

**1504/1504D @ 100VAC**

Output Power	8 ohm 4 x 1500W		4 ohm 4 x 1500W		2 ohm 4 x 1500W		70V 4 x 1500W		100V 4 x 1500W	
AC Power Consumption	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts
1/3 Power Output	24.95	2431	26.67	2597	28.36	2758	26.02	2561	24.29	2468
1/8 Power Output	9.52	944	10.37	1023	11.15	1097	10.20	1010	9.62	953
Idle	1.14	107	1.14	107	1.14	107	1.14	107	1.14	107
Auto Standby (all channels)	0.30	4.9	0.30	4.9	0.30	4.9	0.30	4.9	0.30	4.9
Heat Power	BTU/Hr	Watts	BTU/Hr	Watts	BTU/Hr	Watts	BTU/Hr	Watts	BTU/Hr	Watts
BTU/Hr & Watts 1/3 Power	1453	426	2001	586	2485	728	1768	518	1540	451
BTU/Hr & Watts 1/8 Power	643	188	914	268	1163	341	872	256	682	200

**704/704D @ 100VAC/50HZ**

Output Power	8 ohm 4 x 700W		4 ohm 4 x 700W		2 ohm 4 x 350W		70V 4 x 700W		100V 4 x 700W	
AC Power Consumption	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts
1/3 Power Output	11.85	1182	12.44	1241	7.05	702	11.88	1185	11.94	1191
1/8 Power Output	5.05	501	5.36	532	3.33	327	5.02	498	4.87	482
Idle	0.91	76	0.93	78	0.93	78	0.93	78	0.93	78
Auto Standby (all channels)	0.43	21	0.46	23	0.46	23	0.46	23	0.46	23
Heat Power	BTU/Hr	Watts	BTU/Hr	Watts	BTU/Hr	Watts	BTU/Hr	Watts	BTU/Hr	Watts
BTU/Hr & Watts 1/3 Power	847	249	1043.8	307	799	235	856.8	252	877.2	258
BTU/Hr & Watts 1/8 Power	513	151	618.8	182	686.8	202	503.2	148	448.8	132

**354/354D @ 100VAC/50HZ**

Output Power	8 ohm 4 x 350W		4 ohm 4 x 350W		2 ohm 4 x 175W		70V 4 x 350W		100V 4 x 350W	
AC Power Consumption	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts
1/3 Power Output	6.25	622	6.22	619	3.75	371	6.05	602	5.94	592
1/8 Power Output	2.92	288	2.98	294	2.02	196	2.81	277	2.76	272
Idle	0.87	75	0.88	76	0.88	76	0.89	77	0.89	76
Auto Standby (all channels)	0.39	19	0.41	20	0.42	20	0.42	20	0.42	20
Heat Power	BTU/Hr	Watts	BTU/Hr	Watts	BTU/Hr	Watts	BTU/Hr	Watts	BTU/Hr	Watts
BTU/Hr & Watts 1/3 Power	530	156	520.2	153	469.2	138	462.4	136	428.4	126
BTU/Hr & Watts 1/8 Power	384	113	404.6	119	367.2	108	346.8	102	329.8	97

**702/702D @ 100VAC/50HZ**

Output Power	8 ohm 2 x 700W		4 ohm 2 x 700W		2 ohm 2 x 350W		70V 2 x 700W		100V 2 x 700W	
AC Power Consumption	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts
1/3 Power Output	5.93	592.5	6.22	622	3.53	352.5	5.94	594	5.97	597
1/8 Power Output	2.53	252.5	2.68	268	1.67	166.5	2.51	251	2.44	243.5
Idle	0.46	45.5	0.47	46.5	0.47	46.5	0.47	46.5	0.47	46.5
Auto Standby (all channels)	0.22	21.5	0.23	23	0.23	23	0.23	23	0.23	23
Heat Power	BTU/Hr	Watts	BTU/Hr	Watts	BTU/Hr	Watts	BTU/Hr	Watts	BTU/Hr	Watts
BTU/Hr & Watts 1/3 Power	425	125	527	155	404.6	119	431.8	127	442	130
BTU/Hr & Watts 1/8 Power	262	77	316.2	93	265.2	78	258.4	76	231.2	68

**352/352D @ 100VAC/50HZ**

Output Power	8 ohm 2 x 350W		4 ohm 2 x 350W		2 ohm 2 x 175W		70V 2 x 350W		100V 2 x 350W	
AC Power Consumption	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts
1/3 Power Output	3.13	312.5	3.11	311	1.88	187.5	3.03	302.5	2.97	297
1/8 Power Output	1.46	146	1.49	149	1.01	101	1.41	140.5	1.38	138
Idle	0.44	43.5	0.44	44	0.44	44	0.45	44.5	0.45	44.5
Auto Standby (all channels)	0.20	19.5	0.21	20.5	0.21	21	0.21	21	0.21	21
Heat Power	BTU/Hr	Watts	BTU/Hr	Watts	BTU/Hr	Watts	BTU/Hr	Watts	BTU/Hr	Watts
BTU/Hr & Watts 1/3 Power	269	79	265.2	78	238	70	234.6	69	217.6	64
BTU/Hr & Watts 1/8 Power	197	58	207.4	61	193.8	57	176.8	52	173.4	51

**168/168D @ 100VAC/50HZ**

Output Power	8 ohm 8 x 160W		4 ohm 8 x 160W		2 ohm 8 x 80W		70V 8 x 160W		100V 8 x 160W	
AC Power Consumption	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts
1/4 Power Output	8.84	465	9.31	490	5.20	277	8.93	470	8.75	461
1/8 Power Output	4.80	256	4.94	263	2.94	159	4.76	254	4.63	247
Idle	14.04	80	1.40	80	1.40	80	1.40	80	1.40	80
Auto Standby (all channels)	0.30	14	0.30	14	0.30	14	0.30	14	0.30	14
Heat Power	BTU/Hr	Watts	BTU/Hr	Watts	BTU/Hr	Watts	BTU/Hr	Watts	BTU/Hr	Watts
BTU/Hr & Watts 1/4 Power	493	145	578	170	397.8	117	510	150	479.4	141
BTU/Hr & Watts 1/8 Power	326	96	350.2	103	268.6	79	319.6	94	295.8	87

**88/88D @ 100VAC/50Hz**

Output Power	8 ohm 8 x 80W		4 ohm 8 x 80W		2 ohm 8 x 40W		70V 8 x 80W		100V 8 x 80W	
AC Power Consumption	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts
1/4 Power Output	4.80	256	5.04	268	2.99	162	4.85	259	4.76	254
1/8 Power Output	2.78	152	2.90	158	1.87	104	2.81	153	2.74	149
Idle	1.40	80	1.40	80	1.40	80	1.40	80	1.40	80
Auto Standby (all channels)	0.30	14	0.30	14	0.30	14	0.30	14	0.30	14
Heat Power	BTU/Hr	Watts	BTU/Hr	Watts	BTU/Hr	Watts	BTU/Hr	Watts	BTU/Hr	Watts
BTU/Hr & Watts 1/4 Power	326	96	367.2	108	278.8	82	336.6	99	319.6	94
BTU/Hr & Watts 1/8 Power	245	72	265.2	78	217.6	64	248.2	73	234.6	69

**164/164D @ 100VAC/50Hz**

Output Power	8 ohm 4 x 160W		4 ohm 4 x 160W		2 ohm 4 x 80W		70V 4 x 160W		100V 4 x 160W	
AC Power Consumption	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts
1/4 Power Output	4.72	252	4.91	262	2.91	158	4.75	253	4.64	248
1/8 Power Output	2.68	146	2.80	152	1.77	99	2.70	147	2.67	145
Idle	0.87	52	0.87	52	0.87	52	0.87	52	0.87	52
Auto Standby (all channels)	0.17	11	0.17	11	0.17	11	0.17	11	0.17	11
Heat Power	BTU/Hr	Watts	BTU/Hr	Watts	BTU/Hr	Watts	BTU/Hr	Watts	BTU/Hr	Watts
BTU/Hr & Watts 1/4 Power	313	92	346.8	102	265.2	78	316.2	93	299.2	88
BTU/Hr & Watts 1/8 Power	224	66	244.8	72	200.6	59	227.8	67	221	65

**84/84D @ 100VAC/50Hz**

Output Power	8 ohm 4 x 80W		4 ohm 4 x 80W		2 ohm 4 x 40W		70V 4 x 80W		100V 4 x 80W	
AC Power Consumption	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts
1/4 Power Output	2.68	146	2.80	152	1.83	102	2.72	148	2.67	145
1/8 Power Output	1.69	95	1.73	97	1.27	73	1.69	95	1.68	94
Idle	0.87	52	0.87	52	0.87	52	0.87	52	0.87	52
Auto Standby (all channels)	0.17	11	0.17	11	0.17	11	0.17	11	0.17	11
Heat Power	BTU/Hr	Watts	BTU/Hr	Watts	BTU/Hr	Watts	BTU/Hr	Watts	BTU/Hr	Watts
BTU/Hr & Watts 1/4 Power	224	66	244.8	72	210.8	62	231.2	68	221	65
BTU/Hr & Watts 1/8 Power	187	55	193.8	57	180.2	53	187	55	183.6	54

**34/34D @ 100VAC/50Hz**

Output Power	8 ohm		4 ohm		2 ohm		70V		100V	
AC Power Consumption	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts
1/4 Power Output	0.72	69.11	0.82	78.36	0.97	93.75	0.70	67.55	0.72	69.28
1/8 Power Output	0.56	49.51	0.62	54.99	0.69	63.71	0.56	49.45	0.58	50.85
Idle	0.45	34.37	0.45	42.13	0.45	57.20	0.26	29.66	0.26	29.78
Auto Standby (all channels)	0.19	17.5	0.19	17.5	0.19	17.5	0.19	17.5	0.19	17.5
Heat Power	BTU/Hr	Watts	BTU/Hr	Watts	BTU/Hr	Watts	BTU/Hr	Watts	BTU/Hr	Watts
BTU/Hr & Watts 1/4 Power	131.64	38.58	162.96	47.76	214.32	62.81	128.09	37.54	133.79	39.21

**64/64D @ 100VAC/50Hz**

Output Power	8 ohm		4 ohm		2 ohm		70V		100V	
AC Power Consumption	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts
1/4 Power Output	1.09	104.78	1.29	120.87	1.55	146.16	1.03	98.40	1.04	99.96
1/8 Power Output	0.71	68.21	0.81	77.21	0.98	91.81	0.68	65.74	0.70	67.20
Idle	0.45	33.60	0.32	40.25	0.45	56.85	0.27	30.00	0.27	29.78
Auto Standby (all channels)	0.20	17.8	0.20	17.8	0.20	17.8	0.20	17.8	0.20	17.8
Heat Power	BTU/Hr	Watts	BTU/Hr	Watts	BTU/Hr	Watts	BTU/Hr	Watts	BTU/Hr	Watts
BTU/Hr & Watts 1/4 Power	155.59	45.60	210.29	61.63	294.43	86.29	135.77	39.79	140.48	41.17
BTU/Hr & Watts 1/8 Power	131.23	38.46	161.39	47.30	209.44	61.38	124.24	36.41	129.22	37.87

**124/124D @ 100VAC/50Hz**

Output Power	8 ohm		4 ohm		2 ohm		70V		100V	
AC Power Consumption	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts
1/4 Power Output	1.94	183.63	2.29	211.16	2.80	264.45	1.76	167.05	1.76	166.95
1/8 Power Output	1.10	108.08	1.31	122.98	1.55	152.51	1.02	99.66	1.03	100.80
Idle	0.50	34.73	0.52	41.07	0.38	57.65	0.27	29.96	0.27	30.24
Auto Standby (all channels)	0.23	20.50	0.23	20.50	0.23	20.50	0.23	20.50	0.23	20.50
Heat Power	BTU/Hr	Watts	BTU/Hr	Watts	BTU/Hr	Watts	BTU/Hr	Watts	BTU/Hr	Watts
BTU/Hr & Watts 1/4 Power	214.08	62.74	306.04	89.69	483.81	141.79	160.51	47.04	159.76	46.82
BTU/Hr & Watts 1/8 Power	161.46	47.32	214.11	62.75	311.80	91.38	135.84	39.81	139.18	40.19