

CSMA 2120																	
*1KHz sinewave, both channle driven		100 VAC/ 50 Hz				120 VAC/ 60 Hz				220 VAC/ 50 Hz				240 VAC/ 50 Hz			
Condition	Load	Line Current (Amps)	Power Dissipated as Heat			Line Current	Power Dissipated as Heat			Line Current (Amps)	Power Dissipated as Heat			Line Current	Power Dissipated as Heat		
			Watts	BTU	Kcal/hr		Watts	BTU	Kcal/hr		Watts	BTU	Kcal/hr		Watts	BTU	Kcal/hr
Idle (Sleep mode)			0.48	1.64	0.41		0.53	1.81	0.46		0.88	3.00	0.76		0.94	3.21	0.81
Idle (Awake)			15.70	53.54	13.50		15.90	54.22	13.67		17.46	59.54	15.02		17.80	60.70	15.31
1/8th rated power	8 ohms/ch	1.00	25.30	86.27	21.76	0.88	24.75	84.40	21.29	0.59	25.10	85.59	21.59	0.55	25.50	86.96	21.93
	4 ohm/ch	1.10	28.10	95.82	24.17	0.90	28.10	95.82	24.17	0.60	28.00	95.48	24.08	0.56	28.00	95.48	24.08
1/3rd rated power	8 ohms/ch	2.15	45.80	156.18	39.39	1.86	44.20	150.72	38.01	1.16	42.40	144.58	36.46	1.07	42.70	145.61	36.72
	4 ohm/ch	2.30	55.30	188.57	47.56	1.94	53.90	183.80	46.35	1.23	51.00	173.91	43.86	1.13	50.50	172.21	43.43
Full rated power	8 ohms/ch	5.36	131.00	446.71	112.66	4.91	125.20	426.93	107.67	2.89	118.00	402.38	101.48	2.70	110.00	375.10	94.60
	4 ohm/ch	6.14	196.00	668.36	168.56	5.51	175.70	599.14	151.10	3.25	168.00	572.88	144.48	3.04	135.00	460.35	116.10

CSMA 280																	
*1KHz sinewave, both channle driven		100 VAC/ 50 Hz				120 VAC/ 60 Hz				220 VAC/ 50 Hz				240 VAC/ 50 Hz			
Condition	Load	Line Current (Amps)	Power Dissipated as Heat			Line Current	Power Dissipated as Heat			Line Current (Amps)	Power Dissipated as Heat			Line Current	Power Dissipated as Heat		
			Watts	BTU	Kcal/hr		Watts	BTU	Kcal/hr		Watts	BTU	Kcal/hr		Watts	BTU	Kcal/hr
Idle (Sleep mode)			0.47	1.60	0.40		0.52	1.77	0.45		0.85	2.90	0.73		0.86	2.93	0.74
Idle (Awake)			14.64	49.92	12.59		14.92	50.88	12.83		16.40	55.92	14.10		16.60	56.61	14.28
1/8th rated power	8 ohms/ch	0.92	20.40	69.56	17.54	0.81	20.50	69.91	17.63	0.53	21.80	74.34	18.75	0.50	22.30	76.04	19.18
	4 ohm/ch	1.02	23.60	80.48	20.30	0.98	25.10	85.59	21.59	0.64	26.40	90.02	22.70	0.61	26.70	91.05	22.96
1/3rd rated power	8 ohms/ch	1.80	32.80	111.85	28.21	1.57	31.70	108.10	27.26	0.98	31.00	105.71	26.66	0.92	31.20	106.39	26.83
	4 ohm/ch	2.10	44.10	150.38	37.93	2.03	47.70	162.66	41.02	1.28	44.90	153.11	38.61	1.20	44.80	152.77	38.53
Full rated power	8 ohms/ch	4.35	91.30	311.33	78.52	3.87	89.50	305.20	76.97	2.46	76.00	259.16	65.36	2.29	74.00	252.34	63.64
	4 ohm/ch	6.13	195.00	664.95	167.70	5.86	206.80	705.19	177.85	3.50	152.10	518.66	130.81	3.30	148.70	507.07	127.88

CSMA 240																	
*1KHz sinewave, both channle driven		100 VAC/ 50 Hz				120 VAC/ 60 Hz				220 VAC/ 50 Hz				240 VAC/ 50 Hz			
Condition	Load	Line Current (Amps)	Power Dissipated as Heat			Line Current	Power Dissipated as Heat			Line Current (Amps)	Power Dissipated as Heat			Line Current	Power Dissipated as Heat		
			Watts	BTU	Kcal/hr		Watts	BTU	Kcal/hr		Watts	BTU	Kcal/hr		Watts	BTU	Kcal/hr
Idle (Sleep mode)			0.50	1.71	0.43		0.54	1.84	0.46		0.88	3.00	0.76		0.94	3.21	0.81
Idle (Awake)			12.95	44.16	11.14		13.31	45.39	11.45		15.40	52.51	13.24		15.70	53.54	13.50
1/8th rated power	8 ohms/ch	0.62	17.94	61.18	15.43	0.54	18.28	62.33	15.72	0.37	19.16	65.34	16.48	0.36	19.13	65.23	16.45
	4 ohm/ch	0.80	21.50	73.32	18.49	0.72	22.13	75.46	19.03	0.50	23.40	79.79	20.12	0.47	23.60	80.48	20.30
1/3rd rated power	8 ohms/ch	1.14	26.15	89.17	22.49	0.99	25.58	87.23	22.00	0.63	24.90	84.91	21.41	0.59	25.03	85.35	21.53
	4 ohm/ch	1.62	37.68	128.49	32.40	1.44	38.31	130.64	32.95	0.98	39.46	134.56	33.94	0.91	39.30	134.01	33.80
Full rated power	8 ohms/ch	2.92	97.10	331.11	83.51	2.45	61.70	210.40	53.06	1.47	55.70	189.94	47.90	1.39	55.30	188.57	47.56
	4 ohm/ch	4.49	132.70	452.51	114.12	3.99	127.40	434.43	109.56	2.61	122.60	418.07	105.44	2.41	121.00	412.61	104.06

CSMA 1120																	
*1KHz sinewave, both channle driven		100 VAC/ 50 Hz				120 VAC/ 60 Hz				220 VAC/ 50 Hz				240 VAC/ 50 Hz			
Condition	Load	Line Current (Amps)	Power Dissipated as Heat			Line Current	Power Dissipated as Heat			Line Current (Amps)	Power Dissipated as Heat			Line Current	Power Dissipated as Heat		
			Watts	BTU	Kcal/hr		Watts	BTU	Kcal/hr		Watts	BTU	Kcal/hr		Watts	BTU	Kcal/hr
Idle (Sleep mode)			0.44	1.50	0.38		0.48	1.64	0.41		0.82	2.80	0.71		0.89	3.03	0.77
Idle (Awake)			12.25	41.77	10.54		12.55	42.80	10.79		14.22	48.49	12.23		14.54	49.58	12.50
1/8th rated power	8 ohms/ch	0.57	15.90	54.22	13.67	0.52	16.00	54.56	13.76	0.38	17.00	57.97	14.62	0.36	17.30	58.99	14.88
	4 ohm/ch	0.64	16.50	56.27	14.19	0.55	17.20	58.65	14.79	0.39	17.70	60.36	15.22	0.37	18.10	61.72	15.57
1/3rd rated power	8 ohms/ch	1.09	24.10	82.18	20.73	0.96	23.50	80.14	20.21	0.65	23.20	79.11	19.95	0.60	23.60	80.48	20.30
	4 ohm/ch	1.23	28.50	97.19	24.51	1.05	28.00	95.48	24.08	0.70	27.30	93.09	23.48	0.67	27.70	94.46	23.82
Full rated power	8 ohms/ch	2.80	63.40	216.19	54.52	2.43	56.50	192.67	48.59	1.52	51.70	176.30	44.46	1.40	52.00	177.32	44.72
	4 ohm/ch	3.29	85.40	291.21	73.44	2.94	95.70	326.34	82.30	1.81	86.00	293.26	73.96	1.64	72.60	247.57	62.44

CSMA 180																	
*1KHz sinewave, both channle driven		100 VAC/ 50 Hz				120 VAC/ 60 Hz				220 VAC/ 50 Hz				240 VAC/ 50 Hz			
Condition	Load	Line Current (Amps)	Power Dissipated as Heat			Line Current	Power Dissipated as Heat			Line Current (Amps)	Power Dissipated as Heat			Line Current	Power Dissipated as Heat		
			Watts	BTU	Kcal/hr		Watts	BTU	Kcal/hr		Watts	BTU	Kcal/hr		Watts	BTU	Kcal/hr
Idle (Sleep mode)			0.45	1.53	0.39		0.48	1.64	0.41		0.80	2.73	0.69		0.90	3.07	0.77
Idle (Awake)			11.49	39.18	9.88		11.76	40.10	10.11		13.20	45.01	11.35		13.40	45.69	11.52
1/8th rated power	8 ohms/ch	0.48	15.20	51.83	13.07	0.43	15.60	53.20	13.42	0.32	16.50	56.27	14.19	0.30	16.80	57.29	14.45
	4 ohm/ch	0.66	16.80	57.29	14.45	0.56	17.00	57.97	14.62	0.39	17.80	60.70	15.31	0.36	18.20	62.06	15.65
1/3rd rated power	8 ohms/ch	0.86	20.00	68.20	17.20	0.76	19.40	66.15	16.68	0.51	19.80	67.52	17.03	0.48	20.10	68.54	17.29
	4 ohm/ch	1.26	28.50	97.19	24.51	1.06	28.00	95.48	24.08	0.68	27.30	93.09	23.48	0.63	27.50	93.78	23.65
Full rated power	8 ohms/ch	2.11	47.20	160.95	40.59	1.79	43.30	147.65	37.24	1.15	40.00	136.40	34.40	1.06	40.50	138.11	34.83
	4 ohm/ch	3.25	92.00	313.72	79.12	2.82	83.00	283.03	71.38	1.65	72.50	247.23	62.35	1.55	72.00	245.52	61.92