



This datasheet provides current draw and heat dissipation values for XP series power amplifiers.

Figures based on pink noise driven on both channels, bandwidth limited 22 Hz to 22 kHz.

1/8 power is typical of program material with occasional clipping. Refer to these figures for most applications.

1/3 power represents program material with extremely heavy clipping.

► **XP7000**

		Line Current (A)		Watts Dissipated	Thermal Dissipation	
		100 / 120 V	230 / 240 V		Btu / h	kcal / h
Standby		0.08	0.04	5	17	4
Idle		1.0	0.5	35	120	30
1/8 Power	8 ohms / ch	6.2	3.4	191	656	165
	4 ohms / ch	9.5	5.2	336	1152	290
	70 V Stereo	6.2	3.4	191	656	165
1/3 Power	8 ohms / ch	13.7	7.5	418	1434	361
	4 ohms / ch	21.0	11.5	748	2565	646
	70 V Stereo	13.7	7.5	418	1434	361

► **XP5000**

		Line Current (A)		Watts Dissipated	Thermal Dissipation	
		100 / 120 V	230 / 240 V		Btu / h	kcal / h
Standby		0.08	0.04	5	17	4
Idle		1.0	0.5	35	120	30
1/8 Power	8 ohms / ch	4.5	2.5	146	501	126
	4 ohms / ch	6.8	3.7	249	852	215
1/3 Power	8 ohms / ch	10.0	5.5	323	1106	279
	4 ohms / ch	15.0	8.2	557	1910	481

► **XP3500**

		Line Current (A)		Watts Dissipated	Thermal Dissipation	
		100 / 120 V	230 / 240 V		Btu / h	kcal / h
Standby		0.08	0.04	5	17	4
Idle		1.0	0.5	30	103	26
1/8 Power	8 ohms / ch	3.6	2.0	130	445	112
	4 ohms / ch	5.8	3.2	231	791	199
	100 V Bridge	3.6	2.0	130	445	112
1/3 Power	8 ohms / ch	8.1	4.4	291	998	251
	4 ohms / ch	12.8	7.0	524	1795	452
	100 V Bridge	8.1	4.4	291	998	251

► **XP2500**

		Line Current (A)		Watts Dissipated	Thermal Dissipation	
		100 / 120 V	230 / 240 V		Btu / h	kcal / h
Standby		0.08	0.04	5	17	4
Idle		1.0	0.5	25	86	22
1/8 Power	8 ohms / ch	2.8	1.5	105	360	91
	4 ohms / ch	4.2	2.3	173	594	150
1/3 Power	8 ohms / ch	6.2	3.4	238	814	205
	4 ohms / ch	9.2	5.0	397	1360	343

► **XP1000**

		Line Current (A)		Watts Dissipated	Thermal Dissipation	
		100 / 120 V	230 / 240 V		Btu / h	kcal / h
Standby		0.08	0.04	5	17	4
Idle		1.0	0.5	20	69	17
1/8 Power	8 ohms / ch	1.2	0.7	48	165	42
	4 ohms / ch	1.4	0.8	61	209	53
1/3 Power	8 ohms / ch	2.7	1.5	110	378	95
	4 ohms / ch	3.1	1.7	140	481	121