



This datasheet provides current draw and heat dissipation values for XM series and XH200 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.

► **XM4180**

		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	40	137	35
1/8 Power	8 ohms / ch	5.3	2.9	237	814	205
	4 ohms / ch	7.2	3.9	345	1183	298
	70 V Bridge	5.3	2.9	237	814	205
1/3 Power	8 ohms / ch	11.8	6.5	553	1897	478
	4 ohms / ch	15.8	8.7	808	2772	699
	70 V Bridge	11.8	6.5	553	1897	478

► **XM4080**

		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	40	137	35
1/8 Power	8 ohms / ch	3.1	1.7	151	519	131
	4 ohms / ch	4.7	2.6	245	840	212
1/3 Power	8 ohms / ch	6.9	3.8	357	1225	309
	4 ohms / ch	10.4	5.7	580	1990	501

► **XH200**

		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	40	137	35
1/8 Power	70 V / ch	3.6	2.0	177	608	153
	100 V / ch	2.6	1.4	117	400	101
1/3 Power	70 V / ch	7.5	4.1	372	1274	321
	100 V / ch	5.5	3.0	237	813	205