



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

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.

Test signal: Pink Noise, bandwidth limited from 22Hz to 22kHz

1W = 0.860kcal/h, 1BTU = 0.252kcal

Note that Line Voltage [V] x Line Current [A] = [VA], not equals to [W].

► **XM4180**

|           |             | Line Current (A) |             | Power Consumption (W) | Heat Dissipation |          |
|-----------|-------------|------------------|-------------|-----------------------|------------------|----------|
|           |             | 120 V            | 230 / 240 V |                       | Btu / h          | kcal / h |
| Standby   |             | 0.08             | 0.04        | 5                     | 17               | 4        |
| Idle      |             | 1.0              | 0.5         | 40                    | 137              | 34       |
| 1/8 power | 8 ohms / ch | 4.8              | 2.6         | 327                   | 810              | 204      |
|           | 4 ohms / ch | 6.8              | 3.7         | 460                   | 1180             | 297      |
| 1/3 power | 8 ohms / ch | 11.3             | 6.2         | 793                   | 1890             | 476      |
|           | 4 ohms / ch | 15.9             | 8.8         | 1115                  | 2760             | 695      |

► **XM4080**

|           |             | Line Current (A) |             | Power Consumption (W) | Heat Dissipation |          |
|-----------|-------------|------------------|-------------|-----------------------|------------------|----------|
|           |             | 120 V            | 230 / 240 V |                       | Btu / h          | kcal / h |
| Standby   |             | 0.08             | 0.04        | 5                     | 17               | 4        |
| Idle      |             | 1.0              | 0.5         | 40                    | 137              | 34       |
| 1/8 power | 8 ohms / ch | 2.8              | 1.5         | 191                   | 517              | 130      |
|           | 4 ohms / ch | 4.5              | 2.4         | 303                   | 837              | 211      |
| 1/3 power | 8 ohms / ch | 6.8              | 3.7         | 464                   | 1220             | 307      |
|           | 4 ohms / ch | 10.5             | 5.8         | 734                   | 1980             | 499      |

► **XH200**

|           |  | Line Current (A) |             | Power Consumption (W) | Heat Dissipation |          |
|-----------|--|------------------|-------------|-----------------------|------------------|----------|
|           |  | 120 V            | 230 / 240 V |                       | Btu / h          | kcal / h |
| Standby   |  | 0.08             | 0.04        | 5                     | 17               | 4        |
| Idle      |  | 1.0              | 0.5         | 40                    | 137              | 34       |
| 1/8 power |  | 3.7              | 2.0         | 250                   | 683              | 172      |