YAMAHA

Power Amplifier

Tn Series

This datasheet provides current draw and heat dissipation values for Tn series 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].

▶ T5n

		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	70	239	60
1/8 power	8 ohms / ch	10.4	5.7	637	1070	269
	4 ohms / ch	14.7	8.1	955	1470	369
	2 ohms / ch	20.0	11.0	1302	2310	582
1/3 power	8 ohms / ch	20.6	11.3	1398	1810	457
	4 ohms / ch	30.9	17.0	2222	2810	707
	2 ohms / ch	40.6	22.3	2924	4290	1080

▶ T4n

		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	70	239	60
1/8 power	8 ohms / ch	8.4	4.6	515	861	217
	4 ohms / ch	12.2	6.7	795	1220	308
	2 ohms / ch	17.6	9.7	1146	2030	512
1/3 power	8 ohms / ch	16.6	9.1	1129	1460	369
	4 ohms / ch	25.7	14.1	1852	2340	589
	2 ohms / ch	35.7	19.6	2573	3780	952

▶ T3n

		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	70	239	60
1/8 power	8 ohms / ch	6.0	3.3	368	615	155
	4 ohms / ch	9.1	5.0	591	907	229
	2 ohms / ch	15.2	8.4	990	1760	443
1/3 power	8 ohms / ch	11.9	6.5	806	1050	264
	4 ohms / ch	19.1	10.5	1376	1740	438
	2 ohms / ch	30.9	17.0	2222	3260	822

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