

10 AC Power Draw and Thermal Dissipation

I-Tech 4x3500HD AC Current Draw and Thermal Dissipation:

Pink noise 12dB crest factor, bandwidth limited 22Hz to 22kHz.

Typical line impedance used.

Data based on all channels driven.

I-T4x3500HD													
Condition	Load	120 VAC / 60 Hz				208 VAC / 60 Hz				240 VAC / 60 Hz			
		Line Current Amps	Power Dissipated as Heat			Line Current Amps	Power Dissipated as Heat			Line Current Amps	Power Dissipated as Heat		
			Watts	BTU	kcal/hr		Watts	BTU	kcal/hr		Watts	BTU	kcal/hr
Idle (sleep mode)		1.0	75	256	65	1.3	88	300	76	1.4	100	341	86
Idle (awake)		2.1	335	1143	288	2.1	328	1119	282	2.1	335	1143	288
1/8th Power Pink Noise Typical of program material just at clip.	8 Ohms/Ch.	13.5	559	1907	481	7.9	591	2017	509	7.6	620	2115	533
	4 Ohms/Ch.	16.0	787	2686	677	8.8	625	2133	538	7.2	766	2615	659
	2 Ohms/Ch.	17.0	886	3023	762	9.1	777	2652	669	8.8	979	3343	843
1/3rd Power Pink Noise Typical of program material at extreme clip.	8 Ohms/Ch.	32.2	962	3285	828	17.5	1180	4027	1015	16.5	1027	3506	884
	4 Ohms/Ch.	33.0	1084	3699	933	19.1	1092	3729	940	17.5	1092	3729	940
	2 Ohms/Ch.	36.8	1521	5191	1309	19.9	1228	4191	1057	19.6	1506	5140	1296