



The following table presents information on amplifier AC current consumption as well as thermal dissipation during a standard musical program (1/8 rated output power) and during extreme heavy duty operation as could be highly compressed audio signals (1/4 rated output power).

Powersoft Q4002

Level	Load	Rated Power	AC Mains		Watt			Thermal Dissipation	
			230 V	115 V	Out	In	Dissipated	BTU/h	kcal/h
Switch off or remote power off by software*			0.23	0.14	0	2.3	2.3	8	2
Power on, amplifier in idle mode			0.7	1.4	0	130	130	443	112

		Watt	Ampere		Watt			BTU/h	kcal/h
Pink Noise (1/8 rated power)	8Ω/stereo	4 x 350	1.7	3.3	175	219	174	592	150
	16Ω/bridged	2 x 700							
	4Ω/stereo	4 x 600	2.3	4.7	300	375	205	699	177
	8Ω/bridged	2 x 1200							
	2Ω/stereo	4 x 1000	3.4	6.8	500	625	255	870	220
	4Ω/bridged	2 x 2000							
Pink Noise (1/4 rated power)	8Ω/stereo	4 x 350	2.6	5.2	350	438	218	742	187
	16Ω/bridged	2 x 700							
	4Ω/stereo	4 x 600	4	7.9	600	750	280	955	241
	8Ω/bridged	2 x 1200							
	2Ω/stereo	4 x 1000	6.1	12.2	1000	1250	380	1296	327
	4Ω/bridged	2 x 2000							

*Power absorption with amplifier switched off is not 0 because by EN60065/IEC 60065:2001-12 all amplifiers must have a bleeder resistor placed across the AC mains power line in order to discharge any residual current when the amplifier is disconnected from the mains.