



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 Q3002

Level	Load	Rated Power	AC Mains		Watt			Thermal Dissipation	
			230 V	115 V	Out	In	Dissipated	BTU/h	kcal/h
					230 V	230 V	230 V	230 V	230 V
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 250	1.4	2.8	125	156	161	550	139
	16Ω/bridged	2 x 500							
	4Ω/stereo	4 x 400	1.8	3.6	200	250	180	614	155
	8Ω/bridged	2 x 800							
	2Ω/stereo	4 x 750	2.7	5.5	375	469	224	763	193
	4Ω/bridged	2 x 1500							
Pink Noise (1/4 rated power)	8Ω/stereo	4 x 250	2.1	4.1	250	313	193	656	166
	16Ω/bridged	2 x 500							
	4Ω/stereo	4 x 400	2.9	5.8	400	500	230	784	198
	8Ω/bridged	2 x 800							
	2Ω/stereo	4 x 750	4.8	9.6	750	938	318	1083	273
	4Ω/bridged	2 x 1500							

*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.