

Output Power, both channels driven
1 kHz, THD ≤ 1 % @230 V/50 Hz, duration limited by fuse/thermal protection for RL<16 Ω

Peak Output Power
1 kHz, single sine wave

Output Power, Mono Bridge Mode
1 kHz, THD ≤ 1 % @230 V/50 Hz, duration limited by fuse/thermal protection

Output Power, Parallel Mono Mode
1 kHz, THD ≤ 1 % @230 V/50 Hz, duration limited by fuse/thermal protection

Circuitry

Signal to Noise-Ratio
20 Hz - 20 kHz, 8 Ω load, unweighted
A-weighted

Power Consumption @ 230 V
(both channels driven)

Minimum Loudspeaker Load Impedance
lower values are safe, but out of specification

Frequency Response
8 Ω load with 50 W output power

THD+N (typical)
20 Hz - 6 kHz, 8 Ω load, with 50 W output power

SMPTE (typical)
8 Ω load, 10 dB below rated power

Damping Factor
8 Ω load, 1 kHz and below

Input Impedance

Voltage Gain

Protection Circuits

Limiter

Cooling

Operating Temperature

Indicators

Input Connectors

Output Connectors

Modes of Operation

AC mains

Dimensions (WxHxD)

Net Weight

Shipping Dimensions (WxHxD)

Shipping Weight

D-POWER 7

2 x 800 W @ 16 Ω
2 x 1450 W @ 8 Ω
2 x 2500 W @ 4 Ω
2 x 3500 W @ 2 Ω

2 x 2950 W @ 4 Ω
2 x 4000 W @ 2 Ω

1 x 2900 W @ 16 Ω
1 x 5000 W @ 8 Ω
1 x 7000 W @ 4 Ω

1 x 5000 W @ 2 Ω
1 x 7000 W @ 1 Ω

Bipolar, Class H 3-step high efficiency circuit

>107 dB
>110 dB

	Idle	8 Ω	4 Ω	2 Ω
Typical ¹⁾	1 A	5,5 A	8 A	12 A
	60W	700 W	1100 W	1800 W
Max ²⁾	-	21 A	35 A	60 A
	-	3200 W	5800 W	9400 W

Multiply currents by 2 for 120 V

Multiply currents by 2,3 for 100V

1) 1/3 of max. Output Power with pink noise to represent typical music signal

2) max. rated Output Power (see above)

Zmin = 4 Ω for Dual Channel operation
Zmin = 8 Ω for Mono Bridge operation

20 Hz - 20 kHz +0 dB/-0,5 dB

< 0,05 %

< 0,01 %

> 400

14 kΩ balanced

26 dB

Inrush-current limitation, temperature monitoring of heatsink, output DC protection
output over current protection, SMPS over current protection

Fixed clip limiter

One temperature dependent axial fan

0° C - 50° C

LEDs for Power-ON, Signal/Protect, Output Current, Clip and Mono Bridge

Two 3-pin XLR female/6,3 mm Jack hybrid connectors, pin 2 = inphase (hot)

Two 6,3 mm Jack connectors, tip = inphase (hot)

Two 4-pole SPEAKON® connectors, one for each output channel (bi-amping possible)

Dual Channel (Stereo), Mono Bridge

Dual-voltage SMPS with automatic voltage range selection 230 V/120 V, 50-60Hz

Operating voltages: 230 V range: 170-265 V, 120 V range: 85-138 V

483 x 88,1 x 250 mm (19", 2U)

5,7 kg

540 x 135 x 390 mm (0,028 m²)

7,1 kg

We reserve the right to make technical alterations without prior notice