



100S1 POWER AMPLIFIER

100 Watts RF Power For:

- Industrial
- Ultrasonic
- Laboratory Applications



Featuring:

- 20 kHz – 1MHz
- S-Series
 - Sample Ports
- Solid State Reliability
- Forced Air Cooling

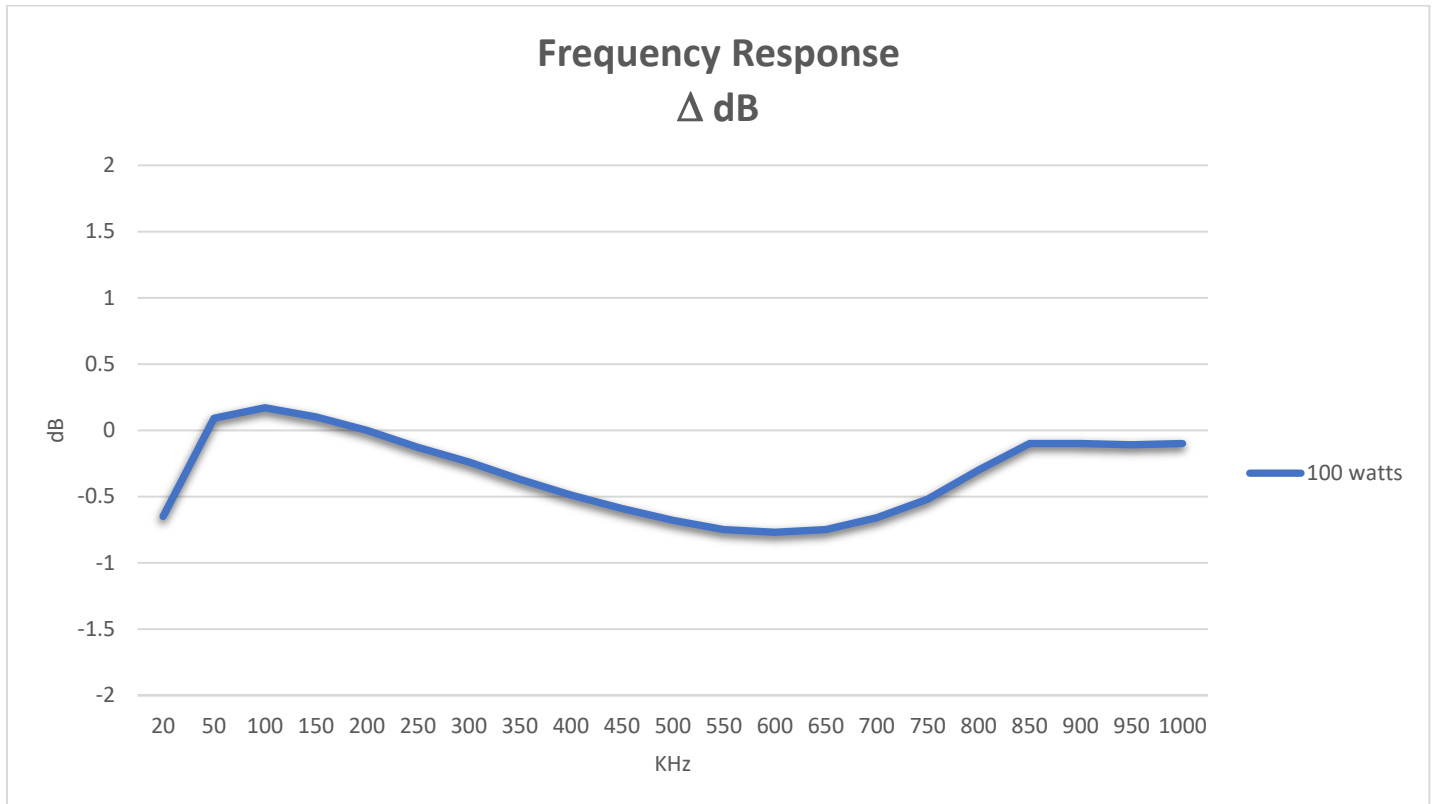


100S1 Specifications*

Class of Operation:	Class D/S
Frequency Coverage:	20 KHz – 1 MHz
Rated Power:	100 Watts into 50 Ω
Power Gain:	50 dB nominal
Gain Flatness:	+/- 1 dB into 50 Ω
Input Power for Rated Pout:	0 dBm (1 mW)
Input Impedance / VSWR:	50 Ω / 1.5:1 maximum
Output Impedance / VSWR:	50 Ω / 1.1:1 maximum
Harmonic Level:	All harmonics better than -30dBc at full power.
Ruggedness:	∞ :1 VSWR
Stability:	Unconditional into any passive or reactive load
Protection:	Unit will withstand input signal of +30 dBm without damage.
AC Input:	110 – 240 VAC 50 / 60 Hz
Max Current:	7.5 A
Temperature Range:	0° – 45° C
Cooling:	Forced Air (front to back)
Dimensions (H x W x D):	3.75 x 10.5 x 15 inches 95 x 267 x 381 mm
Weight:	13 lbs. (5.9 kg)
Connectors:	BNC
Rack Mounting:	Optional
RF Input Signal:	AM, FM, SSB, Pulsed



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