



500S06 POWER AMPLIFIER

500 Watts RF Power For:

- Industrial
- Laboratory Applications



Featuring:

- 20 – 600 KHz
- S-Series
 - Sample Ports
- Solid State Reliability
- Forced Air Cooling



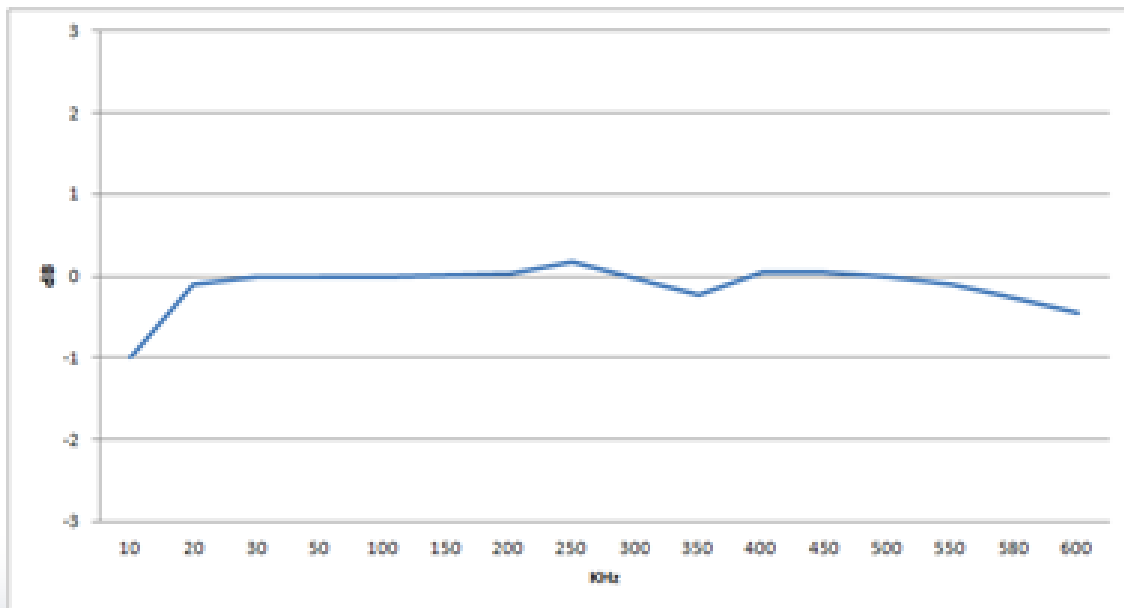
500S06 Specifications*

Class of Operation:	Class D/S
Frequency Coverage:	20 KHz – 600 KHz
Rated Power:	500 Watts into 50 Ω
Power Gain:	57 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 -35dBc 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:	84 – 240 VAC
Temperature Range:	0° – 45° C
Cooling:	Forced Air (front to back)
Dimensions (H x W x D):	3.5 x 19 x 22.5 inches 88.9 x 482.6 x 571.5 mm
Weight:	30 lbs / 14 Kg
Connectors:	N (sample Ports BNC)
Rack Mounting:	Optional
RF Input Signal:	AM, FM, SSB, Pulsed

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Gain Flatness of E&I's new 500 Watt S-Series Amplifier



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