

# Power Amplifier Specifications

<i>Model or Series</i>	<i>AT3000</i>	<i>AT2000</i>	<i>AT1800</i>	<i>AT1202</i>	<i>AT602</i>	<i>AT6012</i>
<i>Number of Channels</i>	2 to 7	2 to 7	2 to 7	2	2	12
<i>EIA 1kHz Output Power at 8 Ohms*</i>	350 watts	250 watts	210 watts	140 watts	75 watts	75 watts
<i>EIA 1kHz Output Power at 4 Ohms*</i>	475 watts	375 watts	315 watts	220 watts	110 watts	120 watts
<i>FTC Full Bandwidth Output Power at 8 Ohms**</i>	300 watts	200 watts	180 watts	120 watts	60 watts	60 watts
<i>FTC Full Bandwidth Output Power at 4 Ohms**</i>	450 watts	300 watts	270 watts	180 watts	90 watts	90 watts
<i>Input Sensitivity for Full Rated Power</i>	1.8 Volts	1.6 Volts	1.6 Volts	1.3 Volts	0.9 Volts	1.2 Volts
<i>Frequency Response</i>	±0.1dB from 20Hz to 20kHz at 1 watt					
<i>Phase Response</i>	+5 to -15 degrees from 20Hz to 20kHz at 1 watt					
<i>Signal-to-Noise Ratio "A-Weighted"</i>	Greater than 120dB below rated FTC full bandwidth power					
<i>Total Harmonic Distortion (THD)</i>	Less than 0.03% at full rated FTC power from 20Hz to 20kHz			Less than 0.005% at full EIA power at 1kHz		
<i>Intermodulation Distortion (IMD)</i>	Less than 0.03% from 250 milliwatts to full rated FTC power					
<i>Load Impedance</i>	Safe with all types of loads. Rated for 4 to 16 ohms					
<i>Power Bandwidth FTC</i>	+0-3db from 5Hz to 100kHz					
<i>Damping Factor</i>	Greater than 400 from 10Hz to 400Hz					
<i>Crosstalk</i>	Greater than -100dB from 20Hz to 20kHz					
<i>Voltage Gain Through RCA Jacks</i>	34dB	34dB	28dB	28dB	28dB	28dB
<i>Voltage Gain Balanced Through XLR Jacks</i>	28dB	28dB	N/A	N/A	N/A	N/A
<i>Slew Rate</i>	50V/microsecond					
<i>Input Impedance</i>	Nominally 28k ohms					
<i>DC Output Offset</i>	Less than ±5mV					
<i>Power Requirements</i>	120 VAC (other voltages available on export models)					
<i>Chassis Dimensions (W x H x D) Inches</i>	17 x 8.75 x 18.3	17 x 7 x 16.5	17 x 7 x 16.5	17 x 3.5 x 12	17 x 3.5 x 10.25	17 x 7 x 16
<i>Chassis Dimensions (W x H x D) Millimeters</i>	431.8 x 222.2 x 464.8	431.8 x 177.8 x 419.1	431.8 x 177.8 x 419.1	431.8 x 88.9 x 304.8	431.8 x 88.9 x 260.4	431.8 x 177.8 x 406.4
<i>Net Weight (lbs/kg) Model Dependent</i>	76-126/34.55-57.27	50-93/22.73-42.27	50-93/22.73-42.27	36/16.36	32/14.55	73/33.18
<i>Shipping Weight (lbs/kg) Model Dependent</i>	88-138/40-62.73	62-105/28.18-47.73	62-105/28.18-47.73	44 / 20	48 / 21.82	82/37.27

\*EIA 1kHz Power refers to maximum average power in watts at 1kHz with 0.005% THD and noise. \*\*FTC Full Bandwidth Power refers to maximum average power in watts from 20Hz to 20kHz with 0.03% THD and noise.