

## MOON W5.3 Power Amplifier Specifications

<b>Type</b>	Solid State
<b>Configuration</b>	Stereo
<b>Power Supply Transformer</b>	1kVA
<b>Power Supply Capacitance</b>	115,000 $\mu$ F
<b>Class Of Operation</b>	A/AB
<b>Single-ended Inputs</b>	RCA - 1 pair
<b>Balanced Inputs</b>	XLR - 1 pair
<b>Input Device Type</b>	J-FETs
<b>Input Impedance</b>	47,500 $\Omega$
<b>Input Sensitivity</b>	1V RMS
<b>Output Device Type</b>	Bipolars - 8 per channel
<b>Output Binding Posts</b>	5-way / Gold-plated / Shielded
<b>Output Power @ 8 <math>\Omega</math></b>	150 Watts
<b>Output Power @ 4 <math>\Omega</math></b>	300 Watts
<b>Output Power @ 2 <math>\Omega</math></b>	500 Watts
<b>Output Power - Bridged Mono</b>	600 Watts
<b>Frequency Response</b>	10Hz - 125kHz (+0/-3dB)
<b>Output Impedance</b>	0.01 $\Omega$
<b>Damping Factor (static)</b>	800
<b>Gain</b>	31dB
<b>Dynamic Headroom</b>	6dB
<b>Signal-to-noise Ratio</b>	100dB @ full power
<b>Maximum Output Voltage</b>	40 Volts
<b>Slew Rate</b>	40V/ $\mu$ s
<b>Maximum Current - Peak / Continuous</b>	38 amperes / 20 amperes
<b>Crosstalk @ 1kHz</b>	-100dB
<b>IMD</b>	Unmeasurable
<b>THD @ 1 watt / @ 150 watts (20Hz-20kHz)</b>	< 0.02 % / < 0.05 %

### 12 Volt Trigger Operation

Direct Logic (0V = off, 12V=on) using a 1/8" mini-jack with an input impedance of 2K  $\Omega$  and current requirement of 6mA

<b>Available Faceplate Finishes</b>	Black and Silver
<b>Power Consumption @ idle</b>	45 Watts
<b>AC Power Requirements</b>	120V / 60Hz 240V / 50Hz
<b>Fuse Replacement - 120V</b>	6A long fast blow
<b>Fuse Replacement - 230V</b>	3A long fast blow
<b>Shipping weight</b>	50 lbs / 22 Kgs
<b>Dimensions (W x H x D)</b>	17.0 x 7.7 x 17.9 in. (17.8 x 19.6 x 45.5 cm.)

Features & specifications are subject to change without notice.