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## MODEL EEL1100.50.1

### HIGH VOLTAGE AMPLIFIER SPECIFICATION SHEET

<b>VOLTAGE:</b>	+/-1.1kV
<b>ACCURACY:</b>	0.5% of F.S.
<b>NOISE:</b>	<600mVrms
<b>OFFSET:</b>	<1VDC OFFSET
<b>CURRENT:</b>	+/-50mA
<b>POWER RATING:</b>	55W
<b>SLEW RATE:</b>	> 300V/us
<b>LARGE SIGNAL BANDWIDTH:</b>	>130kHz No load -3db
<b>SMALL SIGNAL BANDWIDTH:</b>	>140kHz No load -3db
<b>INPUT GAIN:</b>	1V = 100V
<b>HIGH VOLTAGE ENABLE:</b>	TTL, Open Collector
<b>VOLTAGE MONITOR:</b>	100:1 (1V represents 100V)
<b>ACCURACY:</b>	0.1% of Full Scale
<b>BANDWIDTH:</b>	150kHz
<b>CURRENT MONITOR:</b>	1V = 5mA
<b>ACCURACY:</b>	1% of Full Scale
<b>BANDWIDTH:</b>	>10kHz
<b>DYNAMIC ADJUSTMENT:</b>	1 Turn potentiometer
<b>VOLTAGE MONITOR CONNECTOR:</b>	BNC
<b>CURRENT MONITOR CONNECTOR:</b>	BNC
<b>INPUT CONNECTOR:</b>	BNC



**MODEL EEL1100.50.1**  
**HIGH VOLTAGE AMPLIFIER SPECIFICATION SHEET(CONT)**

<b>HV ENABLE CONNECTOR:</b>	BNC with shorting plug
<b>HV OUTPUT CONNECTOR:</b>	SHV
<b>DIGITAL INTERFACE:</b>	USB B
<b>ENCLOSURE SIZE:</b>	85mm (3.34") H X 250mm (9.84") W X 260mm (10.23") D
<b>ITEMS INCLUDED:</b>	Line cord, Manual, HV Output Cable, USB Cable