Table 1-1. Specifications

<table>
<thead>
<tr>
<th>INPUT:</th>
<th>OUTPUT:</th>
</tr>
</thead>
<tbody>
<tr>
<td>115 Vac ±10%, 48-440 Hz, 4A, 270W.</td>
<td>0-4000 Vdc, 0-50 mA.</td>
</tr>
</tbody>
</table>

LOAD REGULATION:
Constant Voltage: Less than 0.005% or 20 mV whichever is greater for a full load to no load change in output current.
Constant Current: Less than 2% or 1 mA whichever is greater, for a full load to no load change in output voltage.

LINE REGULATION:
For a change in line voltage of 115Vac ±10% at any output voltage and current within rating.

Constant Voltage: Less than 0.005% or 20 mV, whichever is greater.
Constant Current: Less than 1 mA.

PARD (RIPPLE AND NOISE):
At any line voltage and under any load condition within rating
Constant Voltage: Less than 1 mV rms/150mv p-p.
Constant Current: Less than 500 µA rms.

TRANSIENT RECOVERY TIME:
Less than 50 µsec is required for output voltage recovery to within 0.005% or 20 mV, whichever is greater, following a full load to no load or no load to full load change in output current.

TEMPERATURE RATINGS:
Operating: 0 to 55°C Storage: -40 to 75°C

TEMPERATURE COEFFICIENT:
Output change per degree centigrade change in ambient following 30 minutes warm-up
Constant Voltage: 0.012% plus 1 mV.
Constant Current: 0.2% plus 0.05 mA.

STABILITY:
Under constant ambient conditions, total drift for 8 hours following 60 minutes warm-up
Constant Voltage: 0.035% plus 3 mV.
Constant Current: 0.25% plus 0.12 mA.

CONTROLS:
Voltage controls consist of a three decade thumbwheel switch plus a thumbwheel vernier with 0.002% resolution. A single turn potentiometer controls output current.

METERS:
Zero to 4 kV and 0-50 mA front panel meters are included. They provide accuracy of 2% full scale.

CALIBRATION ACCURACY:
One percent of the voltage control setting, ±1V.

OUTPUT IMPEDANCE:
DC to 100 Hz (cps) -- less than 0.01 φ.
100 Hz to 1 k Hz -- less than 0.02 φ.
1 k Hz to 100 k Hz -- less than 0.5 φ.
100 k Hz to 1 M Hz -- less than 3 φ.

SIZE:
5 1/4" H x 18" D x 19" W (standard rack width).

WEIGHT:
42 lbs. net, 63 lbs. shipping.

FINISH:
Light gray front panel with dark gray case.