

Digital DC Power Supply

Model: 1745A



Features:

- 1- Four digit LED display that allows to see 10mV and 1mA resolution
- 2- Output shorting button that allows the user to short the output terminals to set the current limit.

Specifications:

Output Voltage	0 to 35 VDC, Coarse and fine adjustment
Output Current	0 to 10A
Constant Voltage Operation	
Voltage Regulation	Line (108 - 132): $\leq 0.2\% + 2\text{mV}$ Load (no load to full load): $\leq 0.04\% + 2\text{mV}$
Recovery Time	$\leq 100\mu\text{s}$ typical
Ripple Voltage	RMS $\leq 1\text{mV}$
Temperature Coefficient	0 °C to +40 °C $\leq 300 \text{ PPM}/^\circ\text{C}$
Constant Current Operation	
Adjustable Current Limits	5% to 100%
Current Regulation	Line: (108 - 132V) $\leq 0.4\% + 5\text{mA}$ Load: $\leq 0.4\% + 5\text{mA}$
Current Ripple	$\leq 3\text{mA}$ typical
Metering	
Voltmeter	0 - 99.99V $\pm 0.7\% + 9$ digits
Amp meter	0 - 99.99A $\pm 0.7\% + 9$ digits
Power Requirements	
Domestic	120VAC $\pm 10\%$, 60Hz
International	120, 220, 230, 240 VAC, 50/60 Hz
Power Consumption	Approximately 560 Watts or Less at full load
General	
Operation Temperature	0 °C to +40 °C $\leq 75\% \text{ R.H.}$
Storage Temperature	-15 °C to 70 °C $\leq 85\% \text{ R.H.}$
Dimensions (H x W x D)	5.7" x 10.5" x 15" (145 x 267 x 381 mm)