

Model 1744 Analog DC Power Supply



B+K Precision model 1744 is a 0 to 35V, 0 to 10A Analog DC Power Supply. The power supply has all of the great features you would expect B+K Precision power supplies to have and some new features not normally seen on power supplies in this price range, these features include an output On/Off button and an output-shorting button. The On/Off button allows the user to turn off power to the output terminals without powering down the power supply. The output-shorting button 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 10 A
Constant Voltage Operation	
Voltage Regulation	Line (108 - 132): <0.2% + 2mV Load (no load to full load): <0.04% + 2mV
Recovery Time	<100us typical
Ripple Voltage	RMS <1mV
Temperature Coefficient	0_ to +40_C <300 PPM/_C
Constant Current Operation	
Adjustable Current Limits	5% to 100%
Current Regulation	Line: (108 - 132V) <0.4% + 5mA Load: <0.4% + 5mA
Current Ripple	<3mA typical
Metering	
Voltmeter	Range: 0 - 40V Accuracy: +2.5%
Amp meter	Hi Range: 0 to 11A Lo Range: 0 to 2.2A Accuracy: +2.5%
Power Requirements	
Domestic	120VAC +10%, 60 Hz
International	120, 220, 230, 240 VAC, 50/60 Hz
Power Consumption	Approximately 560 Watts or Less at full load
Temperature Range	
Operation	0∞ to +40∞C <75% R.H.
Storage	-15∞ to 70∞C <85% R.H.
Dimensions (H x W x D)	5.7" x 10.5" x 15" (145 x 267 x 381 mm)

Specifications subject to change without notice