Models 1744A & 1745A

DC Power Supplies

Data Sheet



1744A



1745A

B+K Precision models 1744A and 1745A are a 0 to 35V, 0 to 10A DC Power Supply. These power supplies have 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, including an output-shorting button. The output-shorting button allows the user to short the output terminals to set the current limit.

Specifications	1744A	1745A
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	0º to +40ºC <300 PPM/ºC	
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%	0 - 99.99V ±0.7% + 9 digits
Amp meter	Hi Range: 0 to 11A Lo Range: 0 to 2.2A Accuracy: +2.5%	0 - 99.99A ±0.7% + 9 digits
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	0º to +40ºC <75% R.H.	
Storage	-15º to 70ºC <85% R.H.	
Dimensions (H x W x D)	5.7" x 10.5" x 15" (145 x 267 x 381 mm)	

B&K Precision Corporation
22820 Savi Ranch Parkway, Yorba Linda, CA 92887
Tel: 714-921-9095, Fax: 714-921-6422
www.bkprecision.com

Specifications subject to change without notice