

Data Sheet



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	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%	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	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)	

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

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Benchtop Power Supplies](#) category:

Click to view products by [B&K Precision](#) manufacturer:

Other Similar products are found below :

[NL200](#) [PR20](#) [ZUPNC403](#) [ZUP/W](#) [ZUPNC402](#) [TL89F2](#) [TL89K1](#) [TL89T1](#) [1332A-NIST](#) [CPX200DP](#) [AX-3003P](#) [AX-6003P](#) [AX-8450A](#)
[TPM-3003](#) [HMP2020](#) [HMP2030](#) [HMP4040](#) [1350](#) [UT804](#) [1410](#) [XLNRC](#) [1513](#) [1514](#) [1550](#) [1651A](#) [1665](#) [1666](#) [1667](#) [1693](#) [1694](#) [1698](#) [1739](#)
[1788](#) [TPM-3005](#) [9174B](#) [GDM-8245](#) [GDM-8255A](#) [GDM-8341](#) [PSP-603](#) [PSW 160-7.2](#) [QL355P SII](#) [HCS-3400-USB](#) [MX180T](#) [MX180TP](#)
[382276](#) [1403](#) [RK153](#) [ENP-120-48](#) [ENP-120-24](#) [9184B](#)