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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Data Sheet

Triple Output DC Power Supplies Models 1760A, 1761 & 1762



The 1760A series triple output DC power supplies offer three independent outputs with coarse and fine adjustment knobs for volts. The 4-digit LED display offers 10 mV and 1 mA resolution, providing the capability to set voltage and current values more accurately than 3-digit displays found in most comparable power supplies.

Features:

- Constant voltage (CV) and constant current (CC) operation
- Independent or series tracking/parallel mode operation to double voltage or current
- Coarse and fine voltage controls
- Adjustable current limiting
- Designed to operate continuously at rated output
- Overvoltage protection and reverse polarity protection



Models 1760A & 1761 only

Specifications	1760A	1761	1762
Main Output			
Output Voltage	0-30V (A & B) 4-6.5 V (C)	0-35V (A & B) 2-6.5 V (C)	0-60V (A & B) 2-6.5 V (C)
Output Current	0-2A (A & B) 5A (C)	0-3A (A & B) 5A (C)	0-2A (A & B) 5A (C)
Constant Voltage Operation			
Line Regulation (120 VAC \pm 10%)	\leq 0.01% + 3 mV (A&B) \leq 10 mV (C)		
Load Regulation	\leq 0.01% + 3 mV (A&B) \leq 10 mV (C)		
Recovery Time	100 μ s		
Ripple	\leq 1 mVrms		
Temperature Coefficient	\leq 300 ppm $^{\circ}$ C		
Constant Current Operation			
Adjustable Current Limit	5% to 100% (A&B)		
Line Regulation (120 VAC \pm 10%)	\leq 0.2% + 3 mA		
Load Regulation	\leq 0.2% + 3 mA		
Current Ripple	\leq 3 mA rms		
Metering			
Display	Two 4-digit LED		
Voltmeter Resolution	10 mV		
Voltmeter Accuracy	\pm (0.5% rdg + 9 digits)		
Ammeter Resolution	1 mA		
Ammeter Accuracy	\pm (0.5% rdg + 9 digits)		
General			
Overload Protection	Current limiting, Reverse polarity, overvoltage, Short circuit		
AC Input	108-132 VAC 60 Hz 120/220/230/240/ VAC, \pm 10%, 50/60 Hz version available		
Power Consumption	350 W		
Operating Temperature	0 $^{\circ}$ to 40 $^{\circ}$ C \leq 85% R.H.		
Storage Temperature	-15 $^{\circ}$ to 70 $^{\circ}$ C \leq 85% R.H.		
Dimensions (W x H x D)	10.5 x 5.7 x 15" (267 x 145 x 381 mm)		
Weight	21 lbs (9.5 kg)		
Two-Year Warranty			
Supplied Accessories	User manual, spare fuse and power cord		