

Models 1760A & 1761

Triple Output DC Power Supplies
with 4-digit LED display

Data Sheet

Models 1760A, 1761

BK Precision's new Models 1760A & 1761 Triple Output DC Power Supply offers outputs with two 0-30V, 0-2A and one 4-6.5V, 5A(Model 1760A), 0-35V, 0-3A and one 2-6.5V, 5A(Model 1761) outputs with two 4-digit LED displays. The 4-digit LED displays offer 10mV and 1mA resolution which provides higher accuracy. This makes it an ideal supply for power sensitive applications. The 1760A & 1761 are fully overload protected and comes with a two year warranty.



4 digits
Resolution



Specifications	models	
	1760A	1761
Output Voltage	0-30V (A&B) 4-6.5V (C)	0-35V (A&B) 2-6.5V (C)
Output Current	0-2A (A&B) 5A	0-3A (A&B) 5A
Constant Voltage Operation		
Voltage Regulation		
Line (120VAC +10%)	$\leq 0.01\% + 3\text{mV}$	$\leq 0.01\% + 3\text{mV}$
Load	$\leq 0.01\% + 3\text{mV}$	$\leq 0.01\% + 3\text{mV}$
Recovery Time	100 μs	100 μs
Ripple & Noise (5Hz to 1MHz)	$< 1\text{mVrms}$	$< 1\text{mVrms}$
Temperature Coefficient	$< 300\text{ppm}^{\circ}\text{C}$	$< 300\text{ppm}^{\circ}\text{C}$
Constant Current Operation		
Adjustable Current Range	5% to 100% (A&B)	5% to 100% (A&B)
Current Regulation		
Line (120VAC +10%)	$< 0.2\% + 3\text{mA}$	$< 0.2\% + 3\text{mA}$
Load	$< 0.2\% + 3\text{mA}$	$< 0.2\% + 3\text{mA}$
Current Ripple	$< 3\text{mA}$	$< 3\text{mA}$
Metering		
Display	2 four digit LEDs	2 four digit LEDs
Voltmeter Range	0-99.99V	0-99.99V
Voltmeter Accuracy	+ (0.5% rdg + 9 digits)	+ (0.5% rdg + 9 digits)
Ampmeter Range	0-9.999A	0-9.999A
Ampmeter Accuracy	+ (0.5% rdg + 9 digits)	+ (0.5% rdg + 9 digits)

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