

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%)	≤ 0.01% + 3mV	≤ 0.01% + 3mV
Load	≤ 0.01% + 3mV	≤ 0.01% + 3mV
Recovery Time	100μs	100μs
Ripple & Noise (5Hz to 1MHz)	< 1mVrms	< 1mVrms
Temperature Coefficient	< 300ppm°C	< 300ppm°C
Constant Current Operation		
Adjustable Current Range	5% to 100% (A&B)	5% to 100% (A&B)
Current Regulation		
Line (120VAC +10%)	< 0.2% + 3mA	< 0.2% + 3mA
Load	< 0.2% + 3mA	< 0.2% + 3mA
Current Ripple	< 3mA	< 3mA
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)