

# BK Precision Power Supply

*Part No. 01PS1670*[Back to Power Supply Main Page](#)

Specifications	model 1670A
Output Voltage	Main Output 0 to 30 VDC
	Fixed 12VDC (+- 5%)
	Fixed 5 VDC (+-5%)
Output Current	Main Output 0 to 3 A
	Fixed 0-500 mA continuous
	Fixed 0-500 mA continuous
<b>Constant Voltage Operation</b>	
<b>Voltage Regulation</b>	
Line (120 VAC +- 10%)	<= 0.05% + 10 mV
	<= 1% (second and third output)
Load	<= 0.05% + 10 mV
	<= 1% (second and third output)
Recovery Time	100us
Ripple & Noise	<= 5 mV rms
Temperature Coefficient	<= 300 ppm ° C
Constant Current Operation	
Adjustable Current Range	5% to 100% (main output only)
Current Regulation	
Line (120 VAC +- 10%)	<= 0.4% + 10mA (main output only)
Load	<= 0.4% + 10mA (main output only)
Current Ripple	<= 10 mA rms
<b>Metering</b>	
Display	2 digital Three Digit LCD
Voltmeter Range	0 to 12 VDC 0 to 5 VDC
Voltmeter Accuracy	+ - (1% of reading + 2 digits)
Ampmeter Range	0 - 3 A
Ampmeter Accuracy	+ - (1% of reading + 2 digits)
Overload Protection	Current limiting, Reverse polarity protection, Short circuit
Power Requirements	108 - 132 VAC, 60 Hz
Power Consumption	200W
Operating Temperature	0 ° to 40 ° C <=75% R.H.
Storage Temperature	-15 ° to 70 ° C <= 85% R.H.
Dimensions (HxWxD)	4.9"x8.5"x11.5" (124x216x292 mm)
Weight	11.5 lbs. (5.2 kg)
<b>Accessories</b>	
SUPPLIED: Instruction Manual	
OPTIONAL (for all models): TL-SA Hook up cables.	