BK PRECISION
ELECTRONIC TEST INSTRUMENTS

Test Equipment & More LLC
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Model 1671A

Triple Output DC Power Supply

Data Sheet

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The Model 1671A, a 3-Digit, Triple Output Regulated DC Power Supply. Model 1671A have been designed with course output voltage and current limiting controls. Bright, front panel mounted 3-1/2 digit LED auto-range meters provide 5.00 Amp readings and 30.0 Volt. The model 1671A also features a fixed 12V and 5V with the capability to output 500mA.

Specifications

	model 1671A
Output Voltage	Main 0 - 30VDC Fixed 12VDC + 5% Fixed 5VDC + 5%
Output Current	Main 0 - 5A Fixed 0 - 500mA continuous Fixed 0 - 500mA continuous
Constant Voltage Operation	
Voltage Regulation	
Line (120VAC + 10%)	< 0.05% + 10mV Main < 1% (A & B)
Load	(0 to rated load) < 0.05% + 10mV < 1% (A & B)
Recovery Time	100us
Ripple & Noise	< 1mVrms
Temperature Coefficient	< 300 ppm°C
Constant Current Operation	
Adjustable Current Range	5% to 100% (Main)
Current Regulation	
Line (120VAC + 10%)	< 0.4% + 10mA
Load	< 0.4% + 10mA
Current Ripple	< 10mA rms
Metering	
Display	2 digital LCD
Voltmeter Range	0 to 30VDC
Voltmeter Accuracy	±(1% reading + 2 digit)
Ampmeter Range	0 to 5A
Ampmeter Accuracy	±(1% reading + 2 digit)
Overload Protection	Current limiting, Reverse polarity, Overvoltage, Short circuit
Power Requirements	108 - 132VAC, 60Hz
Power Consumption	350W
Operating Temperature	0° to 40°C < 75% R.H.
Storage Temperature	-15° to 70°C < 85% R.H.
Dimensions (H x W xD)	4.9 x 8.5 x 11.5" (124 x 216 x 292mm)
Weight	14.3 lbs. (6.5 kg)

- **One variable 0 - 30VDC, 0 - 5A variable section**
- **One 12VDC fixed section**
- **One 5VDC fixed section**
- **Ideal for general electronic servicing, school electronics labs, and powering up hobbyist's projects**

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Specifications subject to change without notice