

Model 1671A

Triple Output DC Power Supply

Data Sheet

Triple Output DC Power Supply Model 1671A

The Model 1671A, a 3-Digit, Triple Output Regulated DC Power Supply. Model 1671A have been designed with coarse 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