

Model	1670A	1671A
<b>Output Parameters</b>		
Number of Outputs	Three (1 variable, 2 fixed)	
Range	0-30 V / 0-3 A (variable) 12 V $\pm$ 5% / 500 mA (fixed) 5 V $\pm$ 5% / 500 mA (fixed)	0-30 V / 0-5 A (variable) 12 V $\pm$ 5% / 500 mA (fixed) 5 V $\pm$ 5% / 500 mA (fixed)
<b>Constant Voltage Operation</b>		
Line Regulation	$\leq$ 0.05% + 10 mV (main) $\leq$ 1% (fixed output)	
Load Regulation	$\leq$ 0.05% + 10 mV (main) $\leq$ 1% (fixed output)	
Ripple & Noise	$\leq$ 5 mV rms	
<b>Constant Current Operation</b>		
Adjustable Current Range	5% to 100% (Main)	
Line Regulation	$\leq$ 0.4% + 10 mA	
Load Regulation	$\leq$ 0.4% + 10 mA	
Ripple & Noise	$\leq$ 10 mA rms	
<b>Metering</b>		
Display	3-digit LCDs	
Voltmeter Resolution	0.1 V	
Voltmeter Accuracy	$\pm$ (1% reading + 2 digits)	
Ammeter Resolution	0.01 A	
Ammeter Accuracy	$\pm$ (1% reading + 2 digits)	
<b>General</b>		
Overload Protection	Current limiting, Reverse polarity, Overvoltage, Short circuit	
AC Input	115/230 VAC, 50/60 Hz	
Power Consumption	165 W	265 W
Operating Temperature	0° to 40°C < 10-80% R.H.	
Storage Temperature	-15° to 70°C < 85% R.H.	
Dimensions (H x W xD)	4.9" x 8.5" x 9.5" (124 x 216 x 242 mm)	4.9" x 8.5" x 11.5" (124 x 216 x 292 mm)
Weight	10 lbs (4.5 kg)	14.3 lbs (6.5 kg)
<b>One-Year Warranty</b>		
Included Accessories	Instruction manual and spare fuse	