

# 1320

## HIGH RESOLUTION DC POWER SUPPLY

**Model 1320  
comes with:**

1350 Power Supply

Power Cord

User Manual

Banana Plug to  
Alligator Clip Lead  
Wires (Black & Red)



### Features:

- Connect in Parallel, Series, or Independent modes for greater output
- Connect multiple units for greater output
- Separate 4-digit displays for voltage and current on variable outputs
- Three independent outputs
- Individual control of voltage and current for variable outputs
- CV (constant voltage) / CC (constant current) mode operation with automatic crossover
- LED indication for CV / CC mode
- Overload indication LED for fixed output
- Power On/Off switch on front panel
- Input voltage selection on rear side (120 VAC/ 240 VAC)

### Overview:

The 1320 can provide continual output power of 200 VA through its 3 output supplies. It features constant current or constant voltage modes with automatic crossover. With resolutions of 10 mV and 1 mA respectively, you can rely on the superior performance of the 1320. The protections against over voltage and current are completely regulated by the software producing a safe and reliable instrument.



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## SPECIFICATIONS

### Model 1320 Dimensions

Product Only

L x W x H

9 x 6.7 x 12.2 in

Weight

16.5 lbs

Shipping

L x W x H

15 x 12 x 10 in

Weight

19 lbs

### 1320 Triple Output High Resolution Power Supply

General	
AC Input	VAC 120/240 $\pm$ 10%, 50/60Hz $\pm$ 10%
Operating Temperature	50 °F to 104 °F (10 °C to 40 °C)
Operating Humidity	90% R.H.
Temperature Coefficient	<300 PPM / °C (voltage and current)
Max Continual Output Power	195 VA
Dimensions (W x H x D)	230 x 170 x 310 mm
Weight	17.6 lbs (8.0 kg)
Warranty	Two Year Warranty
Included Accessories	Power cord, user manual, one pair of test leads
Output Parameters	
Number of Outputs	Three (two variable and one fixed)
Range	0~30 VDC / 0~3 A (variable) & 5 V / 3 A (fixed)
Constant Voltage Mode (variable outputs)	
Line Regulation	<0.05% + 3 mV
Load Regulation	<0.05% + 5 mV
Ripple & Noise	<0.4 mVrms
Constant Current Mode (variable outputs)	
Line Regulation	<0.2% + 2 mA
Load Regulation	<0.2% + 3 mA
Ripple & Noise	<2.5 mArms
Tracking Operation	
Slave Tracking Error	<0.5% + 2 digits of the master
5V Fixed Output	
Voltage Accuracy	5 V $\pm$ 0.25 V
Ripple & Noise	<1.5 mVrms
Display	
Voltage	4 digit, 0.36" green LED
Current	4 digit, 0.36" red LED
Accuracy	<0.05% + 3 digits
Notes	
All specifications apply to the unit after a temperature stabilization time of 15 minutes over an ambient temperature range of 25 °C $\pm$ 5 °C.	Specifications are subject to change without notice. To ensure the most current version of this manual, please download the current version from our website: <a href="http://globalspecialties.com">globalspecialties.com</a> .



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