



DC Power Supplies

1332a

Single Output DC Power Supplies

- Continuously variable with coarse and fine controls.
- 0-5A
- Continuously variable with coarse and fine controls.
- Short circuit protected.
- Two digital readouts - Monitors current and voltage simultaneously.
- Constant voltage or constant current mode with LED indicators.
- Heavy duty transformer isolated design.

Global Specialties has successfully combined performance and economy to provide compact, fully solid state single output power supplies which deliver DC power in its purest form. Global's new style and high performance have created a new standard in DC power supplies.

The single output supplies offer continuously variable voltage and current outputs to suit a wide range of applications. Can be operated in constant voltage (CV) or constant current (CC) modes. Automatic overload protection is achieved by fast transition from CV to CC modes and may be set at any point in the voltage or current range. Separate front panel meters are provided to monitor output voltage and load current.

Output voltage and current limit settings can be varied manually using front panel coarse and fine controls. Outputs are floating - neither the output, nor the negative terminal (nor any point within the regulator circuitry) is connected to ground. The



supplies are designed to operate in an ambient temperature of 40 degrees C and the full output may be drawn continuously under full load provided free air circulation is allowed.

The performance, price, and quality of these DC supplies make them indispensable tools for product development, testing, quality control, servicing and education.



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DUAL SECTION

Output Voltage 1&2	0-32DC (cont. var.)
Load Current 1&2	0-5A max (cont. var.)
Constant Voltage Mode	YES
Line Regulation	$\pm 0.01\%$ + 2mV for $\pm 10\%$ line change
Load Regulation	$\pm 0.01\%$ + 2mV for load change from zero to full
Ripple & Noise	1mV rms max
Constant Current Mode	YES
Line Regulation	$\pm 0.1\%$ + 250 μ A for $\pm 10\%$ line change
Load Regulation	$\pm 0.1\%$ + 250 μ A for change in output V from 0-max
Ripple & Noise	0.8 mA rms max

METERING

Meter Selection	2 separate 3-digit DPMs provided for V&A
Meter Accuracy	$\pm 0.5\%$ of rdg. +2 counts
Overload Protection	Automatic overload and short circuit protection

GENERAL

Operating Temp	0 to 40 \circ C
Input Voltage	110-120VAC@60Hz or 220-240VAC@50Hz
Weight	20 lbs, 6 oz net approx.
Dimensions	9"W x 11.5"D x 5.5"H

PART NUMBER

(110V input)	105-1333
(220V input)	105-1334