

GLOBAL SPECIALTIES

INSTRUMENTS

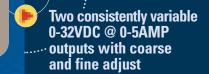
The 1305 DC Power Supply is a compact, high performance Dual output DC power supply for industrial and laboratory use. The two main outputs are continuously variable from 0 to 32V and can supply 5A max each, they can be operated in constant voltage or constant current modes. Automatic transition from CV to CC mode may be set at any voltage or current within the range. Separate front panel meters are provided to monitor output voltage and load current of the variable output sections.

The output voltage and current limit settings of the variable outputs can be varied manually using front panel controls.

All outputs are floating i.e., neither the output positive terminal nor the negative terminal (nor any point within the regular circuitry) is connected to ground.

Model 1305

Dual 0-32VDC @ 0-5AMP Regulated CC/CV DC Power Supply





Automatic transition from (CV) to (CC) mode at any voltage or current within the range

Separate front panel 3 digit Green LEDs to monitor Voltage or Current from each output

Each output is isolated, therefore series or parallel operation is possible and extends the output capabilities to either 0-64VDC

@ 5 AMPS or 0-32VDC

@ 10AMPS

Remote sensing available on each output

Automatic overload and short circuit protection

115-120VAC @ 60Hz or 211-220VAC @ 50Hz operation



Model 1305

Model 1305 Dual DC, CC/CV Power Supply Specifications

Two Identical Sections

Output Voltage 0-32VDC continuously variable **Load Current** 0-5 A max. continuously variable

Constant Voltage Mode Operation

Line Regulation Less than \pm 0.01% + 2mV (±10% line change)

Load Regulation Less than \pm 0.01% + 2mV (no load to full load)

Ripple & Noise Less than 1mVrms max (20Hz-20MHz)

Constant Current Mode Operation

Line Regulation Less than \pm 0.1% \pm 250 μ A (±10% line change) Load Regulation Less than $\pm 0.1\% + 250 \mu A$

Ripple & Noise 0.04% rms max (2.0mA)

Metering

Independent 3 digit DPMs for monitoring output voltage

and load current of each section

Meter Accuracy ±3 counts

Overload Protection

(no load to full load)

Automatic overload and short circuit protection

General

Operating Temperature 0 to 40°C Input Voltage 115V or 230VAC, 47 to 3Hz (with Internal Tap Selector)

Dimensions (WxDxH) 420mm x 300mm x 133mm Weight 16.6Kg (36.88lbs) approx.

Ordering Information

Model 1305 P/N 105-1305

