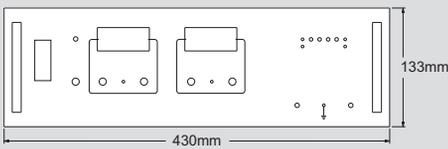


Regulated DC Power Supply



- 19" Rack Adaptable
- Constant Voltage / Constant Current Operation
- Two Digital Meters - 3 Digit DPMs
- Phase Controlled Pre-Regulation Plus Linear Post-Regulation
- Remote Sensing Facility
- High Stability and Close Regulation $\pm 0.01\%$
- OPTIONS AT EXTRA COST
 - a) Presetting Facility
 - b) Over Voltage Protection
 - c) 19" Rack Mounting
 - d) Analog programming & monitoring for Voltage & Current.

SPECIFICATIONS

Metering : 3 digit DPMs for voltage and current measurement.

Meter Accuracy : ± 3 counts.

Constant Voltage Mode :

REGULATION :

Line : $\pm 0.01\% \pm 2\text{mV}$ for $\pm 10\%$ change in line voltage.

Load : $\pm 0.01\% \pm 2\text{mV}$ for load change from zero to full load.

RIPPLE AND NOISE : 1mV rms max. 20Hz to 20MHz.

Constant Current Mode :

REGULATION :

Line : $\pm 0.05\% \pm 10\text{mA}$ for $\pm 10\%$ change in line voltage.

Load : $\pm 0.05\% \pm 10\text{mA}$ for change in output voltage from 0 volts to maximum output voltage.

RIPPLE AND NOISE : See Table.

Mode Indication : LED indication for constant voltage / constant current operation mode.

Output Polarity : Floating w.r.t. ground.

Overload Protection : Constant current type.

Transient Response : 100 μsec within 10mV of set output voltage for load change from 10% to 90%.

Stability : Total drift within 8 hours, after 30 minutes warm-up under constant line, load and temperature.

< $\pm 0.2\% \pm 10\text{mV}$ in CV mode.

< $\pm 0.5\% \pm 10\text{mA}$ in current mode.

Operating Temperature : 0 to 50°C.

Temp. Coefficient : $\pm 0.05\% \pm 5\text{mV}$ per °C after initial warm-up of 30 minutes, in voltage mode.

Line Voltage : 230V AC $\pm 10\%$, single phase 50Hz.

NOTE : REGULATION TO BE MEASURED AT SENSE TERMINALS

CUSTOM CAPABILITY : SPECIAL VOLTAGE AND CURRENT RATINGS AVAILABLE ON REQUEST.

SELECTION GUIDE

	DC OUTPUT		RIPPLE & NOISE CC MODE (rms)	DIMENSIONS W x H x D (mm)	MODEL	WEIGHT (Kg.)
	VOLTAGE	CURRENT				
16V	0-16V	0-20A	5mA	430 x 133 x 415	L1620	16.8
	0-16V	0-40A	5mA	430 x 133 x 465	L1640	20.8
32V	0-32V	0-20A	5mA	430 x 133 x 450	L3220	18.8
	0-32V	0-30A	6mA	430 x 133 x 450	L3230	21.5
64V	0-64V	0-10A	3mA	430 x 133 x 450	L6410	18.0
	0-64V	0-20A	5mA	430 x 133 x 450	L6420	23.4
128V	0-128V	0-5A	5mA	430 x 133 x 450	L1285	18.5
	0-128V	0-8A	10mA	430 x 133 x 450	L1288	20.5

For 10% variation in input voltage with constant rated load. All dimensions are behind the panel and excluding legs. Load change from no load to full load. Change in output voltage from zero volt (Short circuit) to max. output voltage.

WE PURSUE A POLICY OF CONTINUOUS DEVELOPMENT AND PRODUCT IMPROVEMENT. THUS THE SPECIFICATIONS IN THIS DOCUMENTS AND THE LOCATION OF CONTROLS ON THE FRONT PANEL MAY BE CHANGED WITHOUT NOTICE.