
SPECIFICATIONS

MASTER AND SLAVE SUPPLIES

Output Voltage Range:

0 V (+0/-30 mV) to 30 V + (3% to 7%).

Output Current Limit Range:

0 A (+0/-30 mA) to 2 A +(3% to 7%).

Load Regulation (Constant Voltage):

$\leq 0.01\% + 3 \text{ mV}$.

Line Regulation 108 - 132 V (Constant Voltage):

$\leq 0.01\% + 3 \text{ mV}$.

Ripple (Constant Voltage):

$\leq 1 \text{ mV RMS}$.

Recovery Time (Constant Voltage):

$\leq 100 \mu\text{s}$.

Temp. Coefficient (Constant Voltage):

$\leq 300 \text{ ppm}/^{\circ}\text{C}$.

Load Regulation (Constant Current):

$\leq 0.2\% + 3 \text{ mA}$.

Line Regulation 108 - 132 V (Constant Current):

$\leq 0.2\% + 3 \text{ mA}$.

Ripple Current (at 108 V for Constant Current):

$\leq 3 \text{ mA RMS}$.

Tracking (Series):

$\pm 0.2\% + 10 \text{ mV}$.

Panel Meter Accuracy (Volts):

$\pm 0.5\% + 2 \text{ digits}$.

Panel Meter Accuracy (Current):

$\pm 0.5\% + 2 \text{ digits}$.

4-6.5 V SUPPLY

Output Voltage Range:

4 V $\pm 5\%$ to 6.5 V $\pm 5\%$.

Load Regulation (Constant Voltage):

$\leq 10 \text{ mV}$ (0 to 5 A load).

Line Regulation 108 - 132 V (Constant Voltage):

$\leq 10 \text{ mV}$.

Ripple And Noise:

$\leq 2 \text{ mV RMS}$.

Overvoltage Protection Threshold:

6.8 V to 7.3 V.

Panel Meter Accuracy:

Same as Master Supply Meter.

GENERAL

Power Requirements:

110/120/220/240 VAC $\pm 10\%$, 50/60 Hz.

Power Consumption (Fully Loaded):

Approximately 320 W.

Protection:

Reverse polarity protection and current limiting.

Dimensions (H x W x D):

165 x 315 x 381 mm (12.4 x 15 x 6.5").

Weight:

10 kg (22 lbs).

Accessories Supplied:

Three sets of hook-up leads, 1 red, 1 black.
Two earth ground bus straps.
Two 5A, 250V fuses (spares).
Schematic Diagram & Parts List.

Optional Accessories:

FP-10 10-amp test leads (1 red, 1 black).