

DC POWER SUPPLIES

SINGLE VARIABLE OUTPUT



0 to 5 volts, 0 to 5 amps	Model 30C
0 to 5 volts, 0 to 10 amps	Model 30D
0 to 15 volts, 0 to 2 amps	Model 34B
0 to 15 volts, 0 to 5 amps	Model 34C
0 to 15 volts, 0 to 10 amps	Model 34D
0 to 30 volts, 0 to 1 amps	Model 92A
0 to 30 volts, 0 to 2 amps	Model 92B
0 to 30 volts, 0 to 5 amps	Model 92C
0 to 30 volts, 0 to 10 amps	Model 92D
0 to 60 volts, 0 to 1 amps	Model 36A
0 to 60 volts, 0 to 2 amps	Model 36B
0 to 60 volts, 0 to 5 amps	Model 36C
0 to 120 volts, 0 to 1 amps	Model 31A
0 to 120 volts, 0 to 2 amps	Model 31B
0 to 300 volts, 0 to 100 mAmps	Model 32
0 to 300 volts, 0 to 300 mAmps	Model 32B
0 to 300 volts, 0 to 500 mAmps	Model 32C
0 to 300 volts, 0 to 1 amps	Model 32E

OUTPUT VOLTAGES:

The output voltage is continuously adjustable by coarse and fine controls and is displayed on 3 1/2 digit, LED display of 12.5mm height with accuracy of $\pm 0.5\% \pm 2$ least counts. (Voltmeters in models 30C/ 30D/ 92A/ 92B/ 92C/ 92D/ 36A/ 36B/ 36C/ 32/ 32B/ 32C/ 32E have 3 digit displays.)

Output voltage can be floated on any live voltage or any of the two voltage terminals can be grounded to get positive or negative voltage.

LOAD CURRENT:

Load current is displayed on 3 1/2 digit, LED display of 12.5mm height, with accuracy of $\pm 0.5\% \pm 2$ least counts. (Current meters in models 30C/34C/ 36C/ 32B/32C have 3 digit displays.). Maximum value of output current can be limited from less than 10% to 100% of the capacity by continuously adjustable coarse and fine controls.

PROTECTION:

Short circuit and overload protected. Constant voltage constant current type of regulation provides constant voltage if load current is less than current limit setting. If load tries to draw more current than the value of current limit setting, current becomes constant at the limit setting and output voltage comes down to limit the current at the limit setting value.

REGULATION: $\pm 0.05\%$ from no load to full load and for $\pm 10\%$ variations in input mains voltage. Regulation in 32 series $\pm 0.1\%$.

RIPPLES: Less than 3 milli volts rms. Less than 10 milli volts rms in 32 series.

POWER REQUIREMENTS: $230 \pm 10\%$ V AC, 50/60Hertz. Power consumption is 1.5 times multiple of maximum voltage rating and load current drawn.

SIZE AND WEIGHT:

125mm(H) x 125mm(W) x 270mm(D), 3.5Kgs for 30C/34B/92A.
135mm(H) x 195mm(W) x 270mm(D), 5Kgs for 30D/34C/ 92B/
36A/36B/32.

135mm(H) x 360mm(W) x 270mm(D), 9.5Kgs for 34D/92C/31A/32B/32C.
225mm(H) x 255mm(W) x 300mm(D), 14Kgs for 92D/36C/31B/32E.

STANDARD ACCESSORIES: Test leads and instruction manual.

DUAL VARIABLE OUTPUTS (INDEPENDENT AND TRACKING)



0 to ± 15 volts dual, 0 to 2 amps	Model 35B
0 to ± 30 volts dual, 0 to 5 amps	Model 93C

OUTPUT VOLTAGES:

Two independent (both positive or both negative or, one positive and one negative) output voltages of different values or of same values are available in independent mode of operation.

Two tracking output voltages of equal value and opposite polarities are available in dual tracking mode of operation.

Independent or dual tracking mode is selected by front panel control.

The output voltages are continuously adjustable by coarse and fine front panel controls. Two output voltages are continuously displayed on 2 separate 3 1/2 digit meters with accuracy of $\pm 0.5 \pm 2$ least counts. (Meters have 3 digit in model 93C). Meters have LED displays of 12.5 mm height.

Output voltages can be floated on any live voltage or any of the terminals of the output voltage can be grounded to get positive or negative voltages.

LOAD CURRENT:

Load currents of both the outputs are displayed on two separate 3 1/2 digit meters with accuracy of $\pm 0.5\% \pm 2$ least counts. (Meters have 3 digits in model 93C). Meters have LED type of displays of 12.5mm height.

Maximum values of output currents can be limited from less than 10% to 100% of the full capacity by continuously adjustable coarse and fine controls.

PROTECTION:

Short circuit and overload protected. Constant voltage, constant current type of regulation provides constant voltage if load current is less than the current limit setting. If load tries to draw more current than the value of current limit setting, current becomes constant at the limit setting and output voltage comes down to limit the current at the current limit setting value.

REGULATION : $\pm 0.05\%$ from no load to full load and for $\pm 10\%$ variations in input mains voltage.

RIPPLES : Less than 3 mill volts r.m.s.

POWER REQUIREMENT:

$230 \pm 10\%$ volts AC, 50/60 Hertz. Power consumption is 1.5 times the multiple of maximum voltage rating with the sum of the load currents drawn.

SIZE & WEIGHT: 35 mm (H) x 245mm (W) x 270mm (D), 5kgs for 35B.
255mm (H) x 255mm (W) x 300mm (D), 13.5kgs for 93C.

STANDARD ACCESSORIES : 2 pairs of test leads and instruction manual.