

1230S
1820S
3610S
6006S

High Current Switching DC Power Supplies with LED Displays

- 4 models to choose from with Load currents to 30Amps
- Constant voltage or Constant current operation
- Excellent Line, Load and Ripple specification
- Coarse and Fine voltage controls
- Light weight and very good efficiency
- Remote sensing
- Short circuit and overload protection
- 3 digit LED read out for both Volts and Amps
- Cooling fan
- Constant voltage and Constant current indicators



1230S / 1820S / 3610S / 6006S

Models

1230S

Volts: 0 to $\pm 12V$ DC
Amps: 0 to $\pm 30A$ mps

1820S

Volts: 0 to $\pm 18V$ DC
Amps: 0 to $\pm 20A$ mps

3610S

Volts: 0 to $\pm 36V$ DC
Amps: 0 to $\pm 10A$ mps

6006S

Volts: 0 to $\pm 60V$ DC
Amps: 0 to $\pm 6A$ mps

SPECIFICATIONS

Regulation

Constant Voltage Mode

Line Regulation: 0.01% + 2mV
Load Regulation: 0.01% + 2mV
Ripple and noise: ≤ 5 mV RMS, 100mV peak

Constant Current Mode

Line Regulation: $\leq 0.01\%$ + 2mA
Load Regulation: $\leq 0.01\%$ + 0.2mA

Ripple and noise:

1230S : ≤ 30 mA RMS

3610S : ≤ 5 mA RMS

1820S : ≤ 10 mA RMS

6006S : ≤ 3 mA RMS

Digital Display

Number of digits: Volts: 3 Amps: 3 1/2
Resolution: Volts: 0.1V Amps: 10mA
Accuracy: $\pm(0.5\%+2D)$ Volts & Amps

General Specifications (All Models)

AC Input Voltage:
97 to 133V @ 60Hz or 195 to 250V @ 50Hz
Input Power: 500 watts, 900VA
Operating Temperature:
0°C to 40°C (32°F to 104°F) @ <80% R.H.

Dimensions

Size: 5.4"(W) x 6.4"(H) x 11.4"(D)
Weight: 7.7 lbs

Accessories

Operating manual, AC line cord and Test leads