

“L Series”

3303L  
3305L

## Triple output DC Power Supplies with LED Display

**3303L** Dual output 30V @ 3A with one fixed output 5V @ 3A

**3305L** Dual output 30V @ 5A with one fixed output 5V @ 3A

- Constant voltage or Constant current operation
- Outputs may be connected in series or parallel
- Designed for reliable operation
- Excellent Load and Line Regulation
- Low Noise and Ripple
- Two 3 digit LEDs displays monitor voltage and current for each output
- Continuously adjustable Output voltage and current limiting



3303L / 3305L

### SPECIFICATIONS

#### 3303L

- **Outputs 1 and 2**  
Volts: 0 to  $\pm 30V$  DC  
Amps: 0 to 3 Amps
- **Constant Voltage Mode**  
Line Regulation: 0.01% + 3mV  
Load Regulation: 0.01% + 2mV  
Ripple and noise:  $\leq 2.0mV$  RMS
- **Constant Current Mode**  
Load Regulation:  $\leq 0.2\%$  + 3mA  
Line Regulation:  $\leq 0.2\%$  + 0.3mA  
Ripple and Noise:  $\leq 3mA$  RMS
- **Digital Display**  
Accuracy: Volts:  $\pm (0.2\% \text{ rdg} + 2d)$   
Amps:  $\pm (1.0\% \text{ rdg} + 2d)$   
Resolution: Volts: 0.1V  
Amps: 0.01A
- **Fixed output**  
Voltage: 5 Volts  
Amps: 3 Amps  
Voltage Accuracy:  $\pm 1.0\%$   
Ripple and Noise:  $\leq 2mV$  RMS

#### 3305L

- **Outputs 1 and 2**  
Volts: 0 to  $\pm 30V$  DC  
Amps: 0 to 5 Amps
- **Constant Voltage Mode**  
Line Regulation: 0.01% + 3mV  
Load Regulation: 0.01% + 2mV  
Ripple and noise:  $\leq 2.0mV$  RMS
- **Constant Current Mode**  
Load Regulation:  $\leq 0.2\%$  + 3mA  
Line Regulation:  $\leq 0.2\%$  + 0.3mA  
Ripple and Noise:  $\leq 3mA$  RMS
- **Digital Display**  
Accuracy: Volts:  $\pm (0.2\% \text{ rdg} + 2d)$   
Amps:  $\pm (1.0\% \text{ rdg} + 2d)$   
Resolution: Volts: 0.1V  
Amps: 0.01A
- **Fixed output**  
Voltage: 5 Volts  
Amps: 3 Amps  
Voltage Accuracy:  $\pm 1.0\%$   
Ripple and Noise:  $\leq 2mV$  RMS

#### General Specifications (both units)

AC Input Voltage: 110V to 127V @ 60Hz  
220V to 240V @ 50Hz selectable

#### Dimensions

Size: 10.2"(W) x 6.3"(H) x 13"(D)  
Weight: 20 lbs (3305L), 15.4 lbs (3303L)

#### Environmental

Storage Temp:  $-10^{\circ}C$  to  $70^{\circ}C$  @  $< 70\%$  R.H.  
( $-14^{\circ}F$  to  $158^{\circ}F$ )

Operating Temp:  $0^{\circ}C$  to  $40^{\circ}C$  @  $< 80\%$  R.H.  
( $32^{\circ}F$  to  $104^{\circ}F$ )

Temperature Coefficient: 300ppm/  $^{\circ}C$

Accessories: Operating manual and AC Line cord