

# Analog Meter Readout Power Supply



305L



310L

**305L** 0 to ±30V @ 0 to ±5 Amps

**310L** 0 to ±30V @ 0 to ±10 Amps

- Ideal for Production testing or school labs
- Designed for reliable operation
- Excellent load and line regulation
- Low noise and ripple
- Continuously adjustable voltage
- Analog meter readout for both voltage and current
- Cooler operation and high efficiency

## SPECIFICATIONS

### 305L

- **Variable Output**  
Volts: 0 to ± 30V DC  
Amps: 0 to ± 5 Amps
- **Constant Voltage Mode**  
Line Regulation: 0.01% + 1V  
Load Regulation: 0.01% + 5mV  
Ripple and noise: ≤ 1.0mV RMS
- **Constant Current Mode**  
Line Regulation: ≤ 0.2% + 1.0mA  
Load Regulation: ≤ 0.2% + 5mA  
Ripple and noise: ≤ 3mA RMS
- **Analog Display**  
Accuracy: Volts: ±(2.0% F.S.)  
Amps: ±(2.0% F.S.)

### 310L

- **Variable Output**  
Volts: 0 to ± 30V DC  
Amps: 0 to ± 10 Amps
- **Constant Voltage Mode**  
Line Regulation: 0.01% + 1V  
Load Regulation: 0.01% + 5mV  
Ripple and noise: ≤ 1.0 mV RMS
- **Constant Current Mode**  
Line Regulation: ≤ 0.2% + 1.0mA  
Load Regulation: ≤ 0.2% + 5mA  
Ripple and noise: ≤ 3mA RMS
- **Analog Display**  
Accuracy: Volts: ±(2.0% F.S.)  
Amps: ±(2.0% F.S.)

### General Specifications (both units)

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

#### Dimensions

Size: 5"(W) x 6.1"(H) x 9.5"(D) (305L)  
10"(W) x 6.3"(H) x 12.25"(D) (310L)  
Weight: 20 lbs (310L), 10 lbs (305L)

#### Environmental:

Storage Temp: -10°C to 70°C @ < 70% R.H.  
(-14°F to 158°F)  
Operating Temp: 0°C to 40°C @ < 80% R.H.  
(32°F to 104°F)  
Temperature Coefficient: 300ppm/ °C  
Accessories: Operating manual and AC Line cord