

Analog Meter Readout Power Supply

"L Series"
305L
310L



305L



310L

305L 0 to $\pm 30V$ @ 0 to ± 5 Amps

310L 0 to $\pm 30V$ @ 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 $\pm 30V$ DC
Amps: 0 to ± 5 Amps
- **Constant Voltage Mode**
Line Regulation: $0.01\% + 1V$
Load Regulation: $0.01\% + 5mV$
Ripple and noise: $\leq 1.0mV$ RMS
- **Constant Current Mode**
Line Regulation: $\leq 0.2\% + 1.0mA$
Load Regulation: $\leq 0.2\% + 5mA$
Ripple and noise: $\leq 3mA$ RMS
- **Analog Display**
Accuracy: Volts: $\pm(2.0\% \text{ F.S.})$
Amps: $\pm(2.0\% \text{ F.S.})$

310L

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

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

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

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

Accessories: Operating manual and AC Line cord

Mouser Electronics

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