

“L Series”
3003L
3005L
6003L

Single output DC Power Supplies with Fixed output

3003L Single output 30V @ 3A with one fixed output 5V @ 1A
3005L Single output 30V @ 5A with one fixed output 5V @ 1A
6003L Single output 60V @ 3A with one fixed output 5V @ 1A

- Ideal for production testing or School labs
- Designed for reliable operation
- Excellent Load and Line Regulation
- Low Noise and Ripple
- Output may be disconnected from load by pressing a button
- Two 3 digit LEDs displays for monitoring voltage and current
- Continuously adjustable fine and course Output voltage and Constant current controls



3003L / 3005L / 6003L

SPECIFICATIONS

3003L

■ Variable Output

Volts: 0 to ±30V DC
 Amps: 0 to 3Amps

■ Constant Voltage Mode

Line Regulation: 0.01% + 3mV
 Load Regulation: 0.01% + 2mV
 Ripple and noise: ≤ 2.0 mV RMS

■ Constant Current Mode

Load Regulation: ≤ 0.2% + 3mA
 Line Regulation: ≤ 0.2% + 0.3mA
 Ripple and noise: ≤ 3mA RMS

■ Digital Display

Accuracy:
 Voltmeter: ±(0.2% rdg + 2d)
 Amps: ±(1.0% rdg + 2d)

Resolution:

Voltmeter: 0.1V
 Ammeter: 0.01A

■ Fixed output

Voltage: 5Volts
 Amps: 1Amp
 Voltage Accuracy: ± 1.0%
 Ripple and Noise: ≤ 2mV RMS

3005L

■ Variable Output

Volts: 0 to ±30V DC
 Amps: 0 to 5Amps

■ Constant Voltage Mode

Line Regulation: 0.01% + 3mV
 Load Regulation: 0.01% + 2mV
 Ripple and noise: ≤ 2.0mV RMS

■ Constant Current Mode

Load Regulation: ≤ 0.2% +3mA
 Line Regulation: ≤ 0.2% +0.3mA
 Ripple and noise: ≤ 3mA RMS

■ Digital Display

Accuracy:
 Voltmeter: ±(0.2% rdg + 2d)
 Ammeter: ±(1.0% rdg + 2d)

Resolution:

Voltmeter: 0.1V
 Ammeter: 0.01A

■ Fixed output

Voltage: 5Volts
 Amps: 1Amp
 Voltage Accuracy: ± 1.0%
 Ripple and Noise: ≤ 2mV RMS

6003L

■ Variable Output

Volts: 0 to ±60V DC
 Amps: 0 to 3Amps

■ Constant Voltage Mode

Line Regulation: 0.01% + 3mV
 Load Regulation: 0.01% +2mV
 Ripple and noise: ≤ 2.0 mV RMS

■ Constant Current Mode

Load Regulation: ≤ 0.2% +3mA
 Line Regulation: ≤ 0.2% +0.3mA
 Ripple and noise: ≤ 3mA RMS

■ Digital Display

Accuracy:
 Voltmeter: ±(0.2% rdg + 2d)
 Amps: ±(1.0% rdg + 2d)

Resolution:

Voltmeter: 0.1V
 Amps: 0.01A

■ Fixed output

Voltage: 5Volts
 Amps: 1Amp
 Voltage Accuracy: ± 1.0%
 Ripple and Noise: ≤ 2mV RMS

General Specifications (All Models)

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

Dimensions

Size: 5.1"(W) x 6.3"(H) x 12.2"(D)
 Weight: 14 lbs (3005L, 6003L), 11 lbs (3003L)

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

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