

### 3033B Triple Output Power Supply with Digital Displays

- Noise free output for servicing RF equipment
- Energy saver design allows cooler operation at all output levels for better stability and operating life
- Excellent line and load regulation characteristics
- Fully isolated outputs for series or parallel operation
- Coarse and Fine voltage controls
- Output tracking
- Each output has two 3 digit LED read-outs, for monitoring voltage, and current
- Front Panel LEDs indicate constant voltage or constant current operation and overload condition



**3033B**

### 3040T Triple Output Power Supply with Series and Parallel Tracking

- Outputs may be independent or connected in Series or Parallel and are selectable from the front panel
- Fixed supply may be switched between 3.3V and 5.0V
- Series or Parallel Master/Slave tracking modes
- Energy saving design



**3040T**

## ■ SPECIFICATIONS

### [ 3033B ]

#### Outputs 1 and 2

**Volts:** 0 to  $\pm 30V$  DC

**Amps:** 0 to  $\pm 1.5$  Amps

**Constant Voltage Mode:**

Line and Load Regulation:  $0.02\% + 2mV$

Ripple and Noise:  $< 1 mV$  RMS

**Constant Current Mode:**

Load Regulation:  $\leq 0.05\% + 5mA$

Line Regulation:  $\leq 0.05\% + 0.25mA$

Ripple and Noise:  $\leq 2mA$  RMS

**Digital Display (Outputs 1 & 2) Resolution:**

Volts:  $100mV$  Current:  $10mA$

Accuracy:  $\pm (0.5\% + 3 D)$

Tracking Error:  $\pm (0.5\% + 10mV)$

#### Output 3

**Volts Max:**  $5V \pm 0.25\%$

**Amps Max:**  $5A \pm 2.5\%$

**Load Regulation:**  $\leq 0.2\% + 2mV$

**Line Regulation:**  $\leq 0.2\% + 2mV$

#### General Specifications

**Operating Temperature:** 0 to  $35^{\circ}C$

**AC input Voltage:**  $120V/220V$

**Power Consumption:**  $192VA$ ,  $50/60Hz$

**Size:**  $6.3" H \times 9.0" W \times 13.0" D$

**Weight:** 20 lbs.

**Supplied Accessories:** Manual, Line cord, Shorting bar, Leads (3 sets)

### [ 3040T ]

#### Outputs 1 and 2

**Volts:** 0 to  $\pm 36V$  DC

**Amps:** 0 to 2.5A

**Constant Voltage Mode:**

Line and Load Regulation:  $\leq 0.02\% + 2mV$

Ripple and noise:  $< 0.2mV$  RMS,  $4mV$  P-P

**Constant Current Mode:**

Load Regulation:  $\leq 0.05\% + 5mA$

Line Regulation:  $\leq 0.05\% + 0.25mA$

Ripple and Noise:  $\leq 2mA$  RMS,  $10mA$  P-P

**Digital Display (Outputs 1 and 2) Resolution:**

Volts:  $100mV$

Current:  $10mA$

Accuracy:  $\pm (0.5\% + 1D)$

#### Output 3

**Volts Max:**  $3.3V / 5V \pm 2.5\%$  (selectable)

**Current Max:**  $5A \pm 2.5\%$

**Load and Line Regulation:**  $\leq 0.1\% + 5mV$

**Ripple:**  $2mV$  RMS

#### General Specifications

**Operating Temperature:** 0 to  $35^{\circ}C$

**AC input Voltage:**  $120V/220V$ ,  $50/60Hz$

**Size:**  $6.3" H \times 9.0" W \times 13.0" D$

**Weight:** 16.5 lbs.

**Supplied Accessories:** Manual, Line cord, Leads (3 sets)