

## Remote Programmable Power Supplies with Digital Displays

- Remote Sensing for precise regulation
- Remote analog programming for both Constant Voltage and Constant Current modes
- Output load may be turned on or off by remote control
- Series & Parallel Master/Slave and Tracking operation
- Excellent Load, Line Regulation and Ripple Specs
- LED display for both current and voltage
- All inputs and outputs are isolated
- Fine and Coarse controls

**3003R****3060R****6030R**

### SPECIFICATIONS ■

#### [ 3003R ] Output Characteristics

Output Volts: 0 to  $\pm 30$ V; Output Amps: 0 to  $\pm 3$ A

##### Constant Voltage Mode

Load Regulation: 5mV; Line Regulation: 5mV  
Noise and Ripple: 0.5mV RMS

##### Constant Current Mode

Load Regulation: 10mA; Line Regulation: 2mA  
Noise and Ripple: 10mA RMS

##### Digital Display:

Resolution Volts: 100mV; Amps: 100mA

Accuracy Volts:  $\pm (0.2\% + 2D)$ ; Amps:  $\pm (1.0\% + 3D)$

##### Remote Programming

Voltage: 0 to 10 volts applied to the remote voltage programming terminals will vary the output from 0 to the maximum voltage (or current in the constant current mode)  $\pm 5\%$  Tolerance:  $\pm 5\%$

Resistance: 0 to 10K resistance connected to the remote resistance programming terminals will vary the output from 0 to the maximum voltage (or current in the constant current mode)  $\pm 5\%$

Master Slave Operation: One master controls one or more slave units in series or parallel

Note: Parallel units must be the same model.

##### General Specifications

AC Input Volts: 100V to 230V selectable

Power Consumption: 235VA

Operating Temp: 0 to 40°C (32 to 104°F)

Size: 5.8" H x 5.3" W x 12.7" D

Weight: 22 lbs.

Supplied Accessories: Manual, Power cord, Leads

#### [ 3060R ]

##### Output Characteristics

Output Volts: 0 to  $\pm 30$ V; Output Amps: 0 to  $\pm 6$ A

##### Constant Voltage Mode

Load Regulation: 5mV; Line Regulation: 5mV  
Noise and Ripple: 0.5mV RMS

##### Constant Current Mode

Load Regulation: 15mA; Line Regulation: 6mA  
Noise and Ripple: 3mA RMS

##### Digital Display

Resolution Volts: 100mV; Amps: 100mA

Accuracy Volts:  $\pm (0.2\% + 2D)$ ; Amps:  $\pm (1.0\% + 3D)$

##### General Specifications

AC Input Volts: 100V to 230V selectable

Power Consumption: 450VA

Operating Temp: 0 to 40°C (32 to 104°F)

Dimensions: 8.0" H x 8.3" W x 12.8" D

Weight: 22 lbs.

Supplied Accessories: Manual, Power cord, Leads

#### [ 6030R ]

##### Output Characteristics

Output Volts: 0 to  $\pm 60$ V; Output Amps: 0 to  $\pm 3$ A

##### Constant Voltage Mode

Load Regulation: 8mV; Line Regulation: 8mV  
Noise and Ripple: 1mV RMS

##### Constant Current Mode

Load Regulation: 15mA; Line Regulation: 3mA  
Noise and Ripple: 2mA RMS

##### Digital Display

Resolution Volts: 100mV; Amps: 100mA

Accuracy Volts:  $\pm (0.2\% + 2D)$ ; Amps:  $\pm (1.0\% + 3D)$

##### General Specifications

AC Input Volts: 100V to 230V selectable

Power Consumption: 380VA

Operating Temp: 0 to 40°C (32 to 104°F)

Dimensions: 8.0" H x 8.3" W x 12.8" D

Weight: 22 lbs.

Supplied Accessories: Manual, Power cord, Leads