

## Multiple-output. Manual. 35 W and 50 W



E3620A, E3630A

### Features

- Dual and triple outputs
- Autotracking for outputs synchronization
- Overload indicator to monitor output

These linear-regulated DC power supplies provide reliable and convenient DC power on a lab bench. Voltage and current can be monitored simultaneously on the front panel meters. There is also an overload indicator for each output.

#### E3620A

The E3620A has two isolated, independent, CV/CL 25 V outputs. It is easy to make precise adjustments using the 10-turn pots.

#### E3630A

The E3630A triple output power supply has two 20 V outputs and one 6 V output. The +6V output is an isolated constant-voltage/current-foldback output, and both the +20 V output and the -20 V output are constant-voltage/current-limit. An autotracking feature lets you use one voltage control to adjust both 20 V outputs. These outputs track each other to within one percent, making it easy to adjust the power supply for circuits requiring balance voltages. The  $\pm 20$  V outputs are referenced together to a floating common.

### Supplemental Characteristics

**Size:** E3620A: 213 mm W x 91 mm H x 401 mm D (8.4 in x 3.6 in x 15.8 in.)

E3630A: 213 mm W x 92 mm H x 320 mm D (8.4 in x 3.6 in x 12.6 in.)

**Weight:** E3620A: 5.5 kg (12.1 lbs)

E3630A: 3.8 kg (8.4 lbs)

**Warranty:** One year

### Ordering Information

**Opt 0E9** 90 to 110 Vac, 47 to 63 Hz (Japan only)

**Opt 0EM** 104 to 126 Vac, 47 to 63 Hz

**Opt 0E3** 207 to 253 Vac, 47 to 63 Hz

**Opt 1CM** Rack mount kit (E3620A only)

**Opt 0L2** Extra documentation package

### Specifications (at 0 °C to 55 °C unless otherwise specified)

	E3620A	E3630A
Number of output	2	3
GPIB	No	No
Output ratings <sup>2</sup>		
Output 1	0 to 25 V, 0 to 1 A	0 to 6 V, 0 to 2.5 A <sup>2</sup>
Output 2	0 to 25 V, 0 to 1 A	0 to +20 V, 0 to 0.5 A
Output 3	–	0 to -20 V, 0 to 0.5 A
Power (max)	50 W	35 W
Load regulation	0.01% + 2mV	0.01% + 2mV
Ripple and noise from 20 Hz to 20 MHz		
Normal mode voltage rms	350 $\mu$ V	350 $\mu$ V
Peak-to-peak	1.5 mV	1.5 mV
Common mode current	1 $\mu$ Arms	1 $\mu$ Arms
Control mode	CV/CL	CV/CL ( $\pm 20$ V), CV/CF (6 V)
Meter resolution (minimum change using front-panel controls)		
Voltage	10 mV (0-20 V), 100 mV, (>20 V)	10 mV
Current	1 mA	10 mA
Input power	115 Vac $\pm$ 10%, 47 to 63 Hz	115 Vac, $\pm$ 10%, 47 to 63 Hz

2. Maximum current is derated 3.3% per °C between 40 °C to 55 °C