

**Specifications (Data Subject to Change)**

Note: Specifications are worst case unless otherwise noted.

	Volts	0-20 V	0-50 V	0-100 V	
	Amps	0-5 A	0-2 A	0-1 A	
	Watts	100 W	100 W	100 W	
<b>Hewlett-Packard Model</b> Specified over an operating temperature range of 0-55°C.		6632A	6633A	6634A	
<b>Load Effect (Load Regulation):</b> For a load change from zero to maximum rated voltage or current of the supply.**	Voltage	2 mV	4 mV	5 mV	
	Current	1 mA	1 mA	1 mA	
<b>Source Effect (Line Regulation):</b> Given for any change within the rated line voltage for any output within the rated output voltage, current, and power of the supply.	Voltage	0.5 mV	1 mV	1 mV	
	Current	0.5 mA	0.25 mA	0.25 mA	
<b>PARD (Ripple and Noise):</b> rms/peak-peak (20 Hz - 20 MHz).	Voltage(Normal)	0.3 mV/3 mV	0.5 mV/3 mV	0.5 mV/3 mV	
	Voltage(Fast)	1 mV/10 mV	1 mV/15 mV	2 mV/25 mV	
	Current(rms)	2 mA	2 mA	2 mA	
<b>Drift (Stability):</b> Change in output over 8-hour interval under constant line, load, and ambient temperature following 30-minute warm-up.	Voltage	0.01%+0.5 mV	0.01%+1 mV	0.01%+1 mV	
	Current	0.01%+1 mA	0.01%+0.5 mA	0.01%+0.3 mA	
<b>Load Effect Transient Recovery:</b> Maximum time required for output voltage to recover within a band of 0.1% of rated voltage around the nominal voltage following a 50% change in load current.	Normal	100 μs	100 μs	100 μs	
	Fast	50 μs	50 μs	50 μs	
<b>Programming:</b> (25±5°C) Given for control of the output over the HP-IB or with front panel controls.	Voltage	Resolution	5 mV	12.5 mV	25 mV
		Accuracy	0.05%+10 mV	0.06%+20 mV	0.05%+50 mV
	+Current	Resolution	1.25 mA	0.5 mA	0.25 mA
		Accuracy	0.15%+7 mA	0.15%+2 mA	0.15%+1 mA
Minimum CC programming current.		20 mA	8 mA	4 mA	
<b>Temperature Coefficient:</b> Output change per degree Celsius change in ambient following 30-minute warm-up.	Voltage	70ppm+0.25 mV	70ppm+0.5 mV	70ppm+1 mV	
	+Current	150ppm+500 μA	150ppm+150 μA	150ppm+75μA	
<b>Output Response:</b> Maximum time for output voltage to change within ±0.025% of final value (LSB), and from 10% to 90%, or 90% to 10% of voltage excursion (Tr/Tf).	Normal	Tr/Tf	15 ms	15 ms	15 ms
		LSB	60 ms	60 ms	60 ms
	Fast	Tr/Tf	400 μs	400 μs	400 μs
		LSB	2 ms	2 ms	2 ms
<b>HP-IB Programming Command Processing Time:</b> (Display disabled)	Typical	10 ms	10 ms	10 ms	
<b>Voltmeter:</b> (25±5°C) Refers to data read back to the controller from the HP-IB and as viewed via the front panel display.	Resolution	5 mV	12.5 mV	25 mV	
	Accuracy	0.07%+15 mV	0.07%+30 mV	0.06%+70 mV	
<b>Ammeter:</b> (25±5°C) Refers to data read back to the controller from the HP-IB and as viewed via the front panel display.	Resolution	1.25 mA	0.5 mA	0.25 mA	
	Accuracy	0.18%+9 mA	0.17%+3 mA	0.15%+2 mA	
<b>DC Output Isolation:</b> Maximum voltage either output terminal (±) may be from chassis ground.		±240 VDC	±240 VDC	±240 VDC	
<b>Remote Sensing:</b> Maximum allowable voltage drop per load lead.		2 VDC	2 VDC	2 VDC	

\*\*Specification under Local Sensing.

**Ordering Information**

- 6632A: 20 volts, 5 amperes
- 6633A: 50 volts, 2 amperes
- 6634A: 100 volts, 1 amperes

(NOTE: Line voltage Option (100, 120, 220 or 240) must be specified)

- 100: 87-106 Vac, 48-63 Hz, (for Japan only) N/C
- 120: 104-127 Vac, 48-63 Hz. N/C
- 220: 191-233 Vac, 48-63 Hz. N/C
- 240: 209-250 Vac, 48-63 Hz. N/C
- 020: Front Output Binding Posts \$75
- 908: Rack Mount Kit for one unit. add \$30
- (HP P/N 5061-9674)
- 909: Rack Mount Kit with Handles \$72.50
- (HP P/N 5061-9675)
- Accessory: Rack Slide Kit (HP P/N 1494-0059) \$100
- 910: One each extra operating and service manuals. add \$30
- (Operating manual only is shipped with standard unit.)
- W30: 2 Year Additional Return-to-HP Service \$50

**Price\***

**Dimensions**

