


Aumictech

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 14, 2026

AGILENT / KEYSIGHT

Agilent/Keysight 6202B DC Power Supply

Agilent 6202B Lab Series DC Power Supply 0 to 40 V 0 to 0.75 A The HP/Agilent 6202B isaLab Series regulated DC power supply. OEM Lab Series catalog rates 0 to 40 V at 0 to 0.75 A. Bench and half-rack laboratory DC power, remote programmed systems, and auto-series/parallel stacks. Constant voltage / constant current with automatic crossover The HP/Agilent 6202B isaLab Series regulated DC power supply. OEM Lab Series catalog rates 0 to 40 V at 0 to 0.75 A. Bench and half-rack laboratory DC power, remote programmed systems, and auto-series/parallel stacks. Constant voltage / constant current with automatic crossover Front and rear output terminals with automatic sensing



MODEL

**Agilent / Keysight
6202B**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

6202B

LISTING

<https://aumictechlabs.com/products/6202b-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Agilent/Keysight 6202B is a regulated DC power supply delivering 30W of stable output power for electronic testing, development, and laboratory applications. The unit has dual output ranges: 0–40 VDC at 0.75A or 0–20 VDC at 1.5A, with independent voltage and current adjustment. Designed for precision work, the 6202B maintains exceptional load and line regulation in both constant-voltage and constant-current modes, with ripple and noise under 200µVrms (CV) and 500µArms (CC). Temperature stability is controlled to better than 0.02% plus offset drift per degree Celsius across the 0–50°C operating window. Technical Specifications Output Voltage & Current: 0–40 VDC @ 0.75A or 0–20 VDC @ 1.5A Power Output: 30W Load Regulation (CV/CC):

<0.01% + 4mV / <0.03% + 250μA Line Regulation (CV/CC): <0.01% + 4mV / <0.01% + 250μA
Ripple & Noise (CV/CC): <200μVrms / <500μArms Temperature Coefficient (CV/CC): <0.02% +
1mV/°C / <0.02% + 0.5–1mA/°C Operating Temperature: 0–50°C Input Power: 104–127 VAC, 48–63
Hz Dimensions: 22 × 15 × 12 inches Weight: 14 lbsKey Features Switchable output ranges for
flexible voltage–current trade-offs Independent voltage and current controls Low-noise output
suitable for sensitive circuit characterization Class I safety design with protective earth terminal
Stable performance across line voltage variations and temperature shiftsTypical Applications
Component and circuit testing in development labs Powering analog and digital circuits during
debug Industrial test benches requiring regulated DC sources Calibration and measurement
setupsCompatibility & Integration The unit connects via standard grounded AC mains (104–127
VAC). Chassis must be connected to electrical ground to minimize shock hazard. Not suitable for
operation in flammable gas or fume environments.

6202B Characteristics / Specifications

PARAMETER	VALUE
Instrument Type	Lab Series regulated DC power supply
Series Family	HP Lab Series 6200B family
Load Regulation Voltage	0.01 percent plus 4 mV
Load Regulation Current	0.03 percent plus 250 μ A
Line Regulation Voltage	0.01 percent plus 4 mV
Line Regulation Current	0.01 percent plus 250 μ A
Ripple Noise Voltage RMS	200 μ V
Ripple Noise Current RMS	500 μ A
Transient Recovery Time	less than 50 μ s to within 10 mV after full load step
Temperature Coefficient Voltage	less than 0.02 percent plus 1 mV per $^{\circ}$ CStability Voltage 8 Hour: less than 0.1 percent plus 5 mV after 30 min warm-up
Stability Current 8 Hour	less than 0.15 percent plus 2.5 mA class
Internal Impedance DC to 1 kHz	less than 0.02 ohm
DC Floating Voltage	up to 300 V off ground
AC Input	105 to 125 / 210 to 250 Vac, 50 to 400 Hz class
Size	3.5 inHx 12.75 inDx 8.5 inWhalf rack
Cooling	convection
Metering	multiple range front panel meter
Output Voltage Rating	0 to 40 V
Output Current Rating	0 to 0.75 A
Maximum Power Class	30 W
Programming Speed Class	30 V per ms between 1 V and rated output
Weight Class	14 lb net / 19 lb shipping
Input Power Class	about 0.8 A, 66 W
Meter Ranges Class	0 to 5 V, 0 to 50 V, 0 to 0.09 A, 0 to 0.9 A

6202B Specifications

PARAMETER	VALUE
Overview	The HP/Agilent 6202B is a Lab Series regulated DC power supply. OEM Lab Series catalog rates 0 to 40 V at 0 to 0.75 A.
Front and rear output terminals with automatic sensing	Remote sensing and remote programming
Technical Specifications	Instrument Type: Lab Series regulated DC power supply
Notes	From HP Catalog Specialized 6200 Series Power Supplies Lab Series tables for Model 6202B.

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
Specifications	
PARAMETER	VALUE
Instrument Type	Lab Series regulated DC power supply
Series Family	HP Lab Series 6200B family
Load Regulation Voltage	0.01 percent plus 4 mV
Load Regulation Current	0.03 percent plus 250 uA
Line Regulation Voltage	0.01 percent plus 4 mV
Line Regulation Current	0.01 percent plus 250 uA
Ripple Noise Voltage RMS	200 uV
Ripple Noise Current RMS	500 uA
Transient Recovery Time	less than 50 us to within 10 mV after full load step
Temperature Coefficient Voltage	less than 0.02 percent plus 1 mV perCStability Voltage 8 Hour: less than 0.1 percent plus 5 mV after 30 min warm-up
Stability Current 8 Hour	less than 0.15 percent plus 2.5 mA class
Internal Impedance DC to 1 kHz	less than 0.02 ohm
DC Floating Voltage	up to 300 V off ground
AC Input	105 to 125 / 210 to 250 Vac, 50 to 400 Hz class
Size	3.5 inHx 12.75 inDx 8.5 inWhalf rack
Cooling	convection
Metering	multiple range front panel meter
Output Voltage Rating	0 to 40 V
Output Current Rating	0 to 0.75 A
Maximum Power Class	30 W
Programming Speed Class	30 V per ms between 1 V and rated output
Weight Class	14 lb net / 19 lb shipping
Input Power Class	about 0.8 A, 66 W
Meter Ranges Class	0 to 5 V, 0 to 50 V, 0 to 0.09 A, 0 to 0.9 A

Notes

From HP Catalog Specialized 6200 Series Power Supplies Lab Series tables for Model 6202B.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

788 S 500 E, Pleasant Grove, UT 84062
sales@aumictech.com · +1 (484) 841-9341
<https://aumictechlabs.com>

NIST-traceable calibration · SAM registered ·
30-day returns
NAICS 423690 · 811210 · 541380
Generated August 14, 2026

Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.