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Data Sheet

August 14, 2026

AGILENT / KEYSIGHT

Agilent/Keysight 6626A DC Power Supply

Agilent 6626A Precision Multiple Output DC Power Supply 25 W and 50 W The Agilent 6626A is a precision multiple-output GPIB DC power supply. OEM 6620A Series tables give four outputs: two 25 W precision and two 50 W precision dual-range channels. ATE fixtures needing several isolated precision rails with low-current measurement. Dual-range precision low current measurement The Agilent 6626A is a precision multiple-output GPIB DC power supply. OEM 6620A Series tables give four outputs: two 25 W precision and two 50 W precision dual-range channels. ATE fixtures needing several isolated precision rails with low-current measurement. Dual-range precision low current measurement Instrument Type: Precision multiple-output system DC supply



MODEL

**Agilent / Keysight
6626A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

6626A

LISTING

<https://aumictechlabs.com/products/6626a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Agilent/Keysight 6626A is a four-output linear DC power supply engineered for precision test environments requiring stable, low-noise power delivery. Each output operates independently with dual-range capability, offering two 25 W outputs and two 50 W outputs to accommodate diverse voltage and current requirements. GPIB programmability enables automated control and monitoring, while 14-bit resolution ensures repeatable voltage and current settings across test sequences. Technical Specifications Output Configuration Four independent linear outputs: two at 25 W, two at 50 W Dual-range operation per output for voltage and current flexibility 25 W

outputs: 0–7 V / 0–15 mA (low-range); 0–50 V / 0–500 mA (high-range) 50 W outputs: 0–16 V / 0–200 mA (low-range); 0–50 V / 0–1 A or 0–16 V / 0–2 A (high-range) Programming & Readback Accuracy (25°C ±5°C) Voltage: ±0.016% + 1.5–53 mV (25 W outputs); ±0.016% + 10 mV (50 W outputs, high-range) Current: ±0.04% + 15 µA to 500 µA depending on output and range Readback: 0.016% voltage; 0.03% current Resolution: 14-bit for both programming and readback Output Quality Ripple & noise (20 Hz–20 MHz): 500 µV RMS, 3 mV peak-to-peak; 0.1 mA RMS current Load regulation: 0.5 mV / 0.005 mA Line regulation: 0.5 mV / 0.005 mA

Key Features GPIB interface for remote control and data logging in automated test systems Extensive DUT protection circuitry Low-noise linear topology suitable for sensitive analog circuits 3U form factor: 16.75 in × 5.22 in × 19.6 in

Typical Applications Research and development, manufacturing test, quality assurance, and bench characterization of analog and mixed-signal devices requiring multi-voltage supply rails with tight regulation and low output noise.

Compatibility & Integration Standard GPIB connectivity enables integration with existing test automation frameworks. Safety Class 1 with protective earth terminal for grounded operation. Rated for indoor Installation Category II, Pollution Degree 2 environments; 0–55°C operating range; up to 95% relative humidity and 2000 m altitude.

6626A Characteristics / Specifications

PARAMETER	VALUE
Instrument Type	Precision multiple-output system DC supply
Series Family	Agilent 6625A 6626A 6628A 6629A
Number of Outputs	4
Output Mix	two 25 W precision plus two 50 W precision 25 W Dual Range Low: 0 to 16 V, 0 to 200 mA class 50 W Dual Range: 0 to 50 V, 0 to 1 A or 0 to 16 V, 0 to 2 A
Programming Accuracy Voltage Low	0.016 percent plus 1.5 to 3 mV class
Programming Accuracy Voltage High	0.016 percent plus 10 mV
Programming Accuracy Current Low	0.04 percent plus 15 to 185 uA class
Programming Accuracy Current High	0.04 percent plus 100 to 500 uA class
Ripple Noise CV RMS	500 uV
Ripple Noise CV Peak Peak	3 mV
Ripple Noise CC RMS	0.1 mA
Load Regulation Voltage	0.5 mV
Load Regulation Current	0.005 to 0.01 mA
Line Regulation Voltage	0.5 mV
Transient Response	less than 75 us to within 75 mV
Average Programming Resolution Voltage Low	460 uV
Average Programming Resolution Voltage High	3.2 mV
Output Programming Response	6 ms
DC Floating Voltage	plus or minus 240 Vdc
Remote Sensing Drop	up to 10 V per load lead
Command Processing Time	7 ms typical
Input Power	550 W max, 720 VA max
Size	425.5 mmWx 132.6 mmHx 497.8 mmDWeight Net: 17.4 kg (38 lb)

6626A Specifications

PARAMETER	VALUE
Applications	ATE fixtures needing several isolated precision rails with low-current measurement.
Key Features	Four isolated precision outputs in 3U
Technical Specifications	Instrument Type: Precision multiple-output system DC supply
Notes	From Agilent 6620A Series Precision Multiple-Output data sheet output combination row for 6626A.

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	
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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

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NIST-traceable calibration · SAM registered ·
30-day returns
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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.