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Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent / Keysight E3620A 50W Dual Output Power Supply

Keysight / Agilent E3620A Dual Output DC Power Supply The Agilent E3620A is a dual-output laboratory DC power supply providing two 0 to 25 V outputs at 0 to 1 A each in the E3620 family. It is intended for dual-rail bench bias of analog and digital circuits. Dual-rail op-amp supplies, mixed logic and analog bench bias, and general purpose dual 25 V laboratory power.

Instrument Type: dual output DC power supply The Agilent E3620A is a dual-output laboratory DC power supply providing two 0 to 25 V outputs at 0 to 1 A each in the E3620 family. It is intended for dual-rail bench bias of analog and digital circuits. Dual-rail op-amp supplies, mixed logic and analog bench bias, and general purpose dual 25 V laboratory power.

Instrument Type: dual output DC power supply Protection Class: overload protection family features



MODEL

**Agilent / Keysight
E3620A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

E3620A

LISTING

<https://aumictechlabs.com/products/e3620a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Agilent/Keysight E3620A is a 50 W dual-output DC power supply engineered for benchtop test and development environments. It delivers two independent, isolated outputs - each capable of 0 to 25 Vdc at up to 1 A - with constant voltage and constant current operating modes. Manual

10-turn potentiometers provide precise voltage and current adjustment. Digital panel meters display simultaneous voltage and current readings with $\pm 0.5\% + 2$ counts accuracy. Low output noise (0.35 mV rms typical), excellent line and load regulation (0.01% + 2 mV), and fast transient response ($< 50 \mu\text{sec}$) make it suitable for sensitive analog circuits and device characterization.

Technical Specifications

Output Performance

Dual isolated outputs: 0–25 Vdc, 1 A maximum per channel

Total power capacity: 50 W

Output ripple and noise: < 0.35 mV rms, < 1.5 mV p-p (20 Hz – 20 MHz)

Line regulation: $< 0.01\% + 2$ mV

Load regulation: $< 0.01\% + 2$ mV

Load transient response: $< 50 \mu\text{sec}$ recovery to within 15 mV

Output voltage drift: $< 0.1\% + 5$ mV over 8 hours (after 30 min warm-up)

Temperature coefficient: $< 0.02\% + 1$ mV per $^{\circ}\text{C}$

Isolation: ± 240 Vdc

Common mode current: 20 V; 1 mA current

Meter accuracy: $\pm 0.5\% + 2$ counts at $25^{\circ}\text{C} \pm 5^{\circ}\text{C}$

Manual control via 10-turn potentiometers

Physical & Environmental Dimensions: 88.1 mm H $\times$ 212.3 mm W $\times$ 318.4 mm D (3.5" $\times$ 8.4" $\times$ 12.5")

Weight: 3.8 kg (8.4 lbs) net

Cooling: Convection

Operating temperature: 0–40 $^{\circ}\text{C}$ (full rated output); linear current derating to 50% at 55 $^{\circ}\text{C}$ maximum

Certification: CSA 22.2 No. 231, IEC 1010-1

Key Features

Dual independent outputs with full isolation for multi-rail test setups

Manual CV/CC mode selection without external programming requirements

Digital readout for real-time voltage and current monitoring

Binding post terminals for secure, reliable connections

Low ripple performance suitable for precision analog measurement

Convection cooling - silent operation, no fan noise

Typical Applications

Benchtop circuit development and breadboard testing

Device characterization and parametric measurement

Analog front-end supply for test instruments

Educational laboratory experiments

Two-rail power distribution for mixed-signal designs

E3620A Characteristics / Specifications

PARAMETER	VALUE
Model	E3620A
Instrument Type	dual output DC power supply
Output Count	2
Output Voltage Range Each	0 to 25 V
Output Current Range Each	0 to 1 A
Family	E3620
Mode Cv	constant voltage per output
Card Geometry	bench laboratory supply
Metering	front panel meters class
Protection Class	overload protection family features
Cooling	convection bench instrument
Input Power	AC mains powered laboratory supply
Interfaces Class	manual front panel primary control
Polarity	DC outputs with front binding posts class
Tracking Class	dual independent outputs
Ripple Class	laboratory supply low ripple class
Line Regulation Class	E3620 family line regulation
Load Regulation Class	E3620 family load regulation
Series Parallel Class	per operator manual guidance
Application Class	dual rail bench bias
Documentation Scope	OEM published numeric tables
Installed Options	determine final calibrated limits

E3620A Specifications

PARAMETER	VALUE
Keysight / Agilent E3620A Dual Output DC Power Supply	Overview
Applications	Dual-rail op-amp supplies, mixed logic and analog bench bias, and general purpose dual 25 V laboratory power.
Key Features	Two independent 0 to 25 V outputs
Technical Specifications	Model: E3620A
Notes	From Agilent E3620A published dual 0-25 V / 1 A ratings. Verify exact ripple and regulation numbers on the matching datasheet revision.

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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Documentation Scope	OEM published numeric tables
Installed Options	determine final calibrated limits
Notes	
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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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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.