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Data Sheet

August 14, 2026

AGILENT / KEYSIGHT

Agilent / Keysight E3630A 35 W Triple Output

Agilent Keysight E3630A Triple-Output Bench DC Power Supply The Agilent/Keysight E3630A is a compact triple-output bench DC power supply in the E3600 series providing 0 to +6 V / 2.5 A and tracking 0 to ± 20 V / 0.5 A outputs. OEM E3600-series tables list 0.01% load/line regulation class performance and dual digital meters. General electronics bench bias needing a logic rail plus dual tracking bipolar rails without GPIB. Triple output with tracking bipolar rails The Agilent/Keysight E3630A is a compact triple-output bench DC power supply in the E3600 series providing 0 to +6 V / 2.5 A and tracking 0 to ± 20 V / 0.5 A outputs. OEM E3600-series tables list 0.01% load/line regulation class performance and dual digital meters. General electronics bench bias needing a logic rail plus dual tracking bipolar rails without GPIB. Triple output with tracking bipolar rails Output 1 Voltage Current: 0 to +6 V / 0 to 2.5 A

**MODEL****Agilent / Keysight
E3630A****CALIBRATION****Available on
request****CONDITION****Used****STATUS****In stock****RFQ / SKU****E3630A****LISTING**<https://aumictechlabs.com/products/e3630a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Agilent/Keysight E3630A is a 35 W triple-output DC power supply engineered for benchtop testing and system integration. It delivers independent positive and negative voltage rails alongside a dedicated auxiliary supply, enabling precise power delivery across diverse electronic circuits and measurement systems. Technical Specifications Output Configuration Output 1: 0 to +20 Vdc, 0 to 0.5 A Output 2: 0 to -20 Vdc, 0 to 0.5 A Output 3: 0 to 6 Vdc, 0 to 2.5 A Total Power:

35 W Regulation & Stability Load Regulation: 0.01% + 2 mV Line Regulation: 0.01% + 2 mV Ripple and Noise (20 Hz to 20 MHz): < 350 μ V RMS, < 1.5 mV peak-to-peak Transient Response: < 50 μ sec for 10 mV recovery Common-Mode Current: < 1 μ A Control & Metering Voltage and current adjustment via 10-turn potentiometers Separate digital panel meters for voltage and current monitoring Voltage Resolution: 10 mV; Current Resolution: 1 mA Fixed current limiting protection Auto-tracking feature synchronizes $\pm$ 20 V outputs to within 1% Power Input 115 VAC, 47 to 63 Hz Key Features Dual-polarity design supports both positive and negative supplies from a single instrument. High-resolution 10 mV voltage and 1 mA current metering enables precise circuit characterization. Auto-tracking simplifies biasing networks by maintaining symmetric voltage pairs with 1% tracking accuracy. Low ripple and noise (< 350 μ V RMS) suits sensitive analog and RF applications. Output current derates 3.3% per $^{\circ}$ C above 40 $^{\circ}$ C. Physical & Environmental Compact 8.4 in $\times$ 3.6 in $\times$ 15.8 in footprint (213 mm $\times$ 91 mm $\times$ 401 mm) with 5.5 kg mass. Benchtop mounted. Conforms to IEC 61010-1:2001 / EN 61010-1:2001 and CSA C22.2 No. 1010.1:1992. Safety Class I with protective earth terminal requiring three-conductor grounding. Typical Applications Operational amplifier biasing, mixed-signal circuit development, device characterization, power supply testing, analog filter design, instrumentation prototyping.

E3630A Characteristics / Specifications

PARAMETER	VALUE
Output 1 Voltage Current	0 to +6 V / 0 to 2.5 A
Output 2 Voltage Current	0 to +20 V / 0 to 0.5 A
Output 3 Voltage Current	0 to minus 20 V / 0 to 0.5 A
Tracking Outputs	plus/minus 20 V pair tracks
Load Regulation Voltage Class	less than 0.01 percent + 2 mV class
Line Regulation Voltage Class	less than 0.01 percent + 2 mV class
Ripple Noise Class	less than 0.35 mV rms class typical E3600 family
Metering	Dual digital meters
GPIO	No
Number Of Outputs	3
Series Family	Agilent E3600 bench supplies
Cooling	Convection
Operating Mode	CV with current limit
Form Factor	Bench
Isolation Class	Floating outputs class
Primary Power Class	Selectable AC mains class
Front Panel Controls	Voltage and current limit
Tracking Feature	Simultaneous plus/minus tracking
Protection	Current limit
Typical Use	Logic and analog dual-rail bias
Sibling Dual Range Supplies	E3610A E3611A class
Sibling Programmable Supplies	E3640A series class

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.

performance and dual digital meters.	
Applications	
General electronics bench bias needingalogic rail plus dual tracking bipolar rails without GPIB.	
Key Features	
Triple output with tracking bipolar rails	
Dual digital panel meters	
Constant voltage operation	
Current limit protection	
Compact bench form factor	
Technical Specifications	
Technical Specifications	
PARAMETER	VALUE
Output 1 Voltage Current	0 to +6 V / 0 to 2.5 A
Output 2 Voltage Current	0 to +20 V / 0 to 0.5 A
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Series Family	Agilent E3600 bench supplies
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Tracking Feature	Simultaneous plus/minus tracking
Protection	Current limit
Typical Use	Logic and analog dual-rail bias
Sibling Dual Range Supplies	E3610A E3611A class

PARAMETER	VALUE
Sibling Programmable Supplies	E3640A series class
Notes Output ratings from Agilent/Keysight E3630A / E3600-series OEM catalog tables. Confirm ripple and meter accuracy on the specific E3630A operating/service manual revision.	

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.