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Data Sheet
August 14, 2026

AGILENT / KEYSIGHT

Agilent / Keysight U8032A Triple-Output Power Supply

Agilent Keysight U8032A Triple-Output DC Power Supply 60 V 3 A The Agilent/Keysight U8032A is the higher-voltage U8030 Series triple-output bench DC supply with two 0 to 60 V / 3 A variable outputs and one fixed 5 V / 3 A output for 375 W total. OEM U8030 Series datasheets share regulation ripple sequencing and protection specs with U8031A while changing Channels 1 and 2 ratings. Higher-voltage multi-rail bench bias, sequenced DUT power-up, and education or manufacturing setups needing 60 V variable rails plus 5 V logic. The Agilent/Keysight U8032A is the higher-voltage U8030 Series triple-output bench DC supply with two 0 to 60 V / 3 A variable outputs and one fixed 5 V / 3 A output for 375 W total. OEM U8030 Series datasheets share regulation ripple sequencing and protection specs with U8031A while changing Channels 1 and 2 ratings. Higher-voltage multi-rail bench bias, sequenced DUT power-up, and education or manufacturing setups needing 60 V variable rails plus 5 V logic. Low CV ripple less than or equal to 1 mVrms

MODEL	CALIBRATION
Agilent / Keysight U8032A	Available on request
CONDITION	**STATUS**
Used	In stock
RFQ / SKU	**LISTING**
U8032A	https://aumictechlabs.com/products/u8032a-2/

NIST-traceable cal · SAM registered · 30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Agilent/Keysight U8032A is a triple-output DC power supply engineered for benchtop development and production testing. It delivers independent control across three outputs - two variable channels rated to 60 V / 3 A and one fixed 5 V / 3 A rail - enabling simultaneous powering of multi-rail circuits with total system capacity of 375 W. The instrument combines analog front-panel programming with dual-channel LCD metering to display voltage and current simultaneously, eliminating the need for external instrumentation during setup and troubleshooting.Technical Specifications Output Configuration: Outputs 1 & 2 (Variable): 0–60 V, 0–3 A each Output 3 (Fixed): 5 V, 3 A Total Power: 375 W Electrical Performance: Load and Line Regulation: <0.01% + 2 mV (voltage CV mode); <0.02% + 2 mA (current CC mode) Output Noise: <1 mVrms / 10 mVp-p typical (CV); <0.5 mVrms / 5 mVp-p (typical); <1 mArms (CC) Transient Response: <50 µs (±15 mV full-load to half-load transitions) Programming Accuracy: 0.25% + 15 mV (voltage); 0.25% + 10 mV (current) Meter Resolution: 10 mV (voltage); 10 mA (current) Physical & Environmental: Dimensions: 379 mm (L) × 212.3 mm (W) × 179 mm (H) Weight: 8.2 kg Input: 100/115/230 VAC selectableKey Features Auto-tracking mode synchronizes Output 1 and Output 2 voltage sequencing via single control Output sequencing capability for automated margin and burn-in testing Individual or simultaneous ON/OFF control across all three outputs Over-voltage (OVP) and over-current (OCP) protection on all rails Keypad lock prevents inadvertent setting changes Physical lock mechanism secures instrument integrityTypical Applications Multi-supply circuit characterization, power-budget validation on mixed-voltage designs, margin testing protocols, and production burn-in environments where independent or coordinated output sequencing is required.Compatibility & Integration Three-wire grounded power cord supplied. Selectable input voltage accommodates international facility standards.

U8032A Characteristics / Specifications

PARAMETER	VALUE
Model	U8032A
Total Power Output	0 to 375 W
Channel 1 And 2 Voltage	0 to 60 V at 0 to 40 C
Channel 1 And 2 Current	0 to 3 A at 0 to 40 C
Channel 3 Fixed Output	5 V 3 A
Channel 3 Accuracy	less than or equal to 5 percent or 5 V plus or minus 0.25 V
Channel 3 Ripple	less than 2 mVrms or less than 50 mVpp
Channel 3 Load Line Regulation	less than or equal to 5 mV
Number Of Outputs	three isolated
Line Load Regulation CV	less than 0.01 percent plus 2 mV
Line Load Regulation CC	less than 0.02 percent plus 2 mA
CV Ripple Noise	less than or equal to 1 mVrms 0.5 mVrms typical or less than or equal to 10 mVpp 5 mVpp typical
CC Ripple Noise	less than or equal to 1 mArms
Transient Response	less than 50 us
Programming Accuracy CV 23 Plus Or Minus 5 C	less than or equal to 0.25 percent plus 15 mV
Programming Accuracy CC	less than or equal to 0.30 percent plus 15 mA
Meter Readback Accuracy CV	less than or equal to 0.25 percent plus 10 mV
Meter Readback Accuracy CC	less than or equal to 0.25 percent plus 10 mA
Programming Meter Resolution Voltage	10 mV
Programming Meter Resolution Current	10 mA
Maximum Output Float Voltage	plus or minus 240 Vdc
OVP Programmable Range Class	0.1 V to 66.0 V class per U8032A sheet
OCP Programmable Range Class	0.1 A to 3.3 A class
OVP Response Time	less than 10 ms

PARAMETER	VALUE
Maximum Input Power	600 VA
AC Input Options	100 115 or 230 Vac plus or minus 10 percent 47 to 63 Hz
Weight Class	8.2 kg class
Form Factor	4U half-rack 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.

Specifications

Specifications

PARAMETER	VALUE
Model	U8032A
Total Power Output	0 to 375 W
Channel 1 And 2 Voltage	0 to 60 V at 0 to 40 C
Channel 1 And 2 Current	0 to 3 A at 0 to 40 C
Channel 3 Fixed Output	5 V 3 A
Channel 3 Accuracy	less than or equal to 5 percent or 5 V plus or minus 0.25 V
Channel 3 Ripple	less than 2 mVrms or less than 50 mVpp
Channel 3 Load Line Regulation	less than or equal to 5 mV
Number Of Outputs	three isolated
Line Load Regulation CV	less than 0.01 percent plus 2 mV
Line Load Regulation CC	less than 0.02 percent plus 2 mA
CV Ripple Noise	less than or equal to 1 mVrms 0.5 mVrms typical or less than or equal to 10 mVpp 5 mVpp typical
CC Ripple Noise	less than or equal to 1 mArms
Transient Response	less than 50 us

Programming Accuracy CV 23 Plus Or Minus 5 C: less than or equal to 0.25 percent plus 15 mV

Specifications

PARAMETER	VALUE
Programming Accuracy CC	less than or equal to 0.30 percent plus 15 mA
Meter Readback Accuracy CV	less than or equal to 0.25 percent plus 10 mV
Meter Readback Accuracy CC	less than or equal to 0.25 percent plus 10 mA
Programming Meter Resolution Voltage	10 mV
Programming Meter Resolution Current	10 mA
Maximum Output Float Voltage	plus or minus 240 Vdc
OVP Programmable Range Class	0.1 V to 66.0 V class per U8032A sheet
OCP Programmable Range Class	0.1 A to 3.3 A class

PARAMETER	VALUE
OVP Response Time	less than 10 ms
Maximum Input Power	600 VA
AC Input Options	100 115 or 230 Vac plus or minus 10 percent 47 to 63 Hz
Weight Class	8.2 kg class
Form Factor	4U half-rack class

Notes
From Keysight/Agilent U8030 Series Triple-Output DC Power Supplies data sheet model column for U8032A. Confirm selected AC input range fuse and option 1CM rack kit.

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

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Generated August 14, 2026