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Data Sheet

August 14, 2026

AGILENT / KEYSIGHT

Agilent / Keysight E3615A 60W Power Supply, 20V, 3A

HP Agilent E3615A Bench Series DC Power Supply The Agilent E3615A is a single-range bench DC power supply in the E3614A–E3617A 60 W family. OEM output is 0 to 20 V, 0 to 3 A (60 W class) with adjustable overvoltage protection, remote sensing, rear outputs, and remote analog voltage/resistance programming. Bench and light ATE bias needing remote sense and OVP, tracking or higher-power stacks of multiple supplies, and lab work where analog remote programming replaces GPIB. Remote analog voltage and resistance programming The Agilent E3615A is a single-range bench DC power supply in the E3614A–E3617A 60 W family. OEM output is 0 to 20 V, 0 to 3 A (60 W class) with adjustable overvoltage protection, remote sensing, rear outputs, and remote analog voltage/resistance programming. Bench and light ATE bias needing remote sense and OVP, tracking or higher-power stacks of multiple supplies, and lab work where analog remote programming replaces GPIB. Remote analog voltage and resistance programming Floating outputs isolatable to ± 240 Vdc from ground



MODEL

**Agilent / Keysight
E3615A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

E3615A

LISTING

<https://aumictechlabs.com/products/e3615a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Agilent/Keysight E3615A is a 60 W single-output DC power supply engineered for benchtop and system-level electronic testing. It delivers 0–20 V at 0–3 A with exceptional line regulation,

load regulation below 0.01% + 2 mV, and sub-millivolt ripple, making it suitable for development and characterization work requiring stable, low-noise power delivery.

Technical Specifications

Electrical Performance Output voltage: 0–20 V Output current: 0–3 A Maximum power: 60 W Line regulation (CV mode): < 0.01% + 2 mV Line regulation (CC mode): < 0.01% + 250 μ A Load regulation: < 0.01% + 2 mV Ripple and noise (20 Hz–20 MHz): < 200 μ V rms, < 1 mV peak-to-peak Transient response: < 50 μ sec recovery to within 15 mV for full-load to half-load transitions Operating temperature: 0–40°C at full rated output; current derated 1% per °C from 40–55°C

Display and Control Digital panel meters for simultaneous voltage and current display Voltage resolution: 10 mV (0–20 V range) Current resolution: 10 mA 10-turn potentiometers for precise voltage and current adjustment Remote analog voltage programming capability

Protection and Sensing Overvoltage protection, adjustable from front panel, disables output when threshold is exceeded Remote sensing automatically compensates for load-lead voltage drop Programming inputs protected to ± 40 V

Physical Specifications Net weight: 12.1 lbs / 5.5 kg Convection cooling Front and rear output terminals

Key Features Tight regulation and minimal output noise enable sensitive device characterization Dual-terminal configuration supports both benchtop and rack-mounted measurement setups Auto-parallel, auto-series, and auto-tracking capability for multi-unit configurations Fast transient response suited to dynamic load conditions

Typical Applications Component and circuit testing and validation Prototype power delivery during development Educational laboratory benchtop use

Product Status: Obsolete as of January 1, 2019.

E3615A Characteristics / Specifications

PARAMETER	VALUE
Number of Outputs	1
Number of Output Ranges	1
GPIO	No
Output Rating	0 to 20 V, 0 to 3 A
Maximum Power	60 W
Load Regulation Voltage	Less than 0.01% + 2 mV
Line Regulation Voltage	Less than 0.01% + 2 mV
Line Regulation Current	Less than 0.01% + 250 μ A
Ripple Voltage RMS 20 Hz to 20 MHz	Less than 200 μ V
Ripple Voltage Peak to Peak	Less than 1 mV
Ripple Current RMS	Less than 2 mA rms
OVP Trip Range	2.5 to 23 V
OVP Margin Above Output	4% of output + 2 V minimum
Remote Analog Programming Input	0 to 10 V for zero to full scale Linearity: 0.5% voltage; 0.5% current
Programming Input Protection	Up to $\pm$ 40 V
Meter Resolution Voltage	10 mV
Meter Resolution Current	10 mA
Transient Response Time	Less than 50 μ s to within 15 mV for full to half load
Isolation	$\pm$ 240 Vdc
Operating Temperature Full Output	0 to 40 C
Current Derating Above 40 C	1% per C to 55 C
Cooling	Convection
Size	213 mmWx 91 mmHx 373 mmD Net Weight: 5.5 kg (12.1 lb)
Shipping Weight	6.75 kg (14.9 lb)

PARAMETER	VALUE
Operating temperature	Full Output: 0 to 40 C

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Full Output: 0 to 40 C
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Current Derating Above 40 C	1% perCto 55 C
Cooling	Convection
Size	213 mmWx 91 mmHx 373 mmDNet Weight: 5.5 kg (12.1 lb)
Shipping Weight	6.75 kg (14.9 lb) Notes Specs from Agilent E361xA 60 W Bench Series Operating and Service Manual and E3600-series catalog for E3615A.

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
Number of Outputs	1
Number of Output Ranges	1
GPIB	No
Output Rating	0 to 20 V, 0 to 3 A
Maximum Power	60 W
Load Regulation Voltage	Less than 0.01% + 2 mV
Line Regulation Voltage	Less than 0.01% + 2 mV
Line Regulation Current	Less than 0.01% + 250 uA
Ripple Voltage RMS 20 Hz to 20 MHz: Less than 200 uV	
Specifications	
PARAMETER	VALUE
Ripple Voltage Peak to Peak	Less than 1 mV
Ripple Current RMS	Less than 2 mA rms
OVP Trip Range	2.5 to 23 V
OVP Margin Above Output	4% of output + 2 V minimum
Remote Analog Programming Input	0 to 10 V for zero to full scaleVorIRemote Analog Programming Linearity: 0.5% voltage; 0.5% current
Programming Input Protection	Up to ±40 V
Meter Accuracy 25±5 C: ±(0.5% of output + 2 counts)	
Specifications	
PARAMETER	VALUE
Meter Resolution Voltage	10 mV
Meter Resolution Current	10 mA
Transient Response Time	Less than 50 us to within 15 mV for full to half load
Isolation	±240 Vdc

PARAMETER	VALUE
Operating Temperature Full Output	0 to 40 C
Current Derating Above 40 C	1% perCto 55 C
Cooling	Convection
Size	213 mmWx 91 mmHx 373 mmDNet Weight: 5.5 kg (12.1 lb)
Shipping Weight	6.75 kg (14.9 lb)

Notes
Specs from Agilent E361xA 60 W Bench Series Operating and Service Manual and E3600-series catalog for E3615A.

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.