


Aumictech

Test & measurement • bought, sold, repaired, calibrated

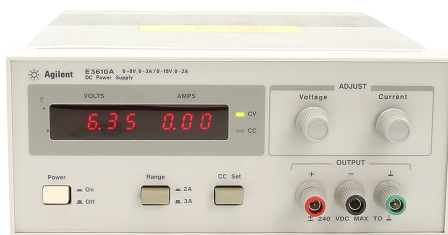
Data Sheet

August 14, 2026

AGILENT / KEYSIGHT

Agilent / Keysight E3611A 30W Power Supply, 20V, 1.5A or 35V, 0.85A

HP Agilent E3611A Dual-Range Bench DC Power Supply The Agilent E3611A is a compact dual-range single-output bench DC power supply in the E3600 series. OEM ratings are 0 to 20 V / 0 to 1.5 A or 0 to 35 V / 0 to 0.85 A within a 30 W envelope, with CV/CC operation, 10-turn controls, and digital metering. Bench bias for developmental linear and digital IC circuits, general laboratory powering of small assemblies, and educational or repair benches needing dual voltage/current ranges without GPIB. Dual output ranges selected by front-panel RANGE pushbutton The Agilent E3611A is a compact dual-range single-output bench DC power supply in the E3600 series. OEM ratings are 0 to 20 V / 0 to 1.5 A or 0 to 35 V / 0 to 0.85 A within a 30 W envelope, with CV/CC operation, 10-turn controls, and digital metering. Bench bias for developmental linear and digital IC circuits, general laboratory powering of small assemblies, and educational or repair benches needing dual voltage/current ranges without GPIB. Dual output ranges selected by front-panel RANGE pushbutton



MODEL

**Agilent / Keysight
E3611A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

E3611A

LISTING

<https://aumictechlabs.com/products/e3611a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Agilent/Keysight E3611A is a 30 W single-output DC power supply with dual-range capability, designed for benchtop laboratory and developmental circuit applications. It delivers precise

voltage and current control through digital metering and 10-turn potentiometers, supporting output ranges of 0–20 V at 0–1.5 A or 0–35 V at 0–0.85 A. The unit maintains exceptional regulation and low noise performance, making it suitable for powering linear and digital IC circuits requiring stable, precision power delivery.

Technical Specifications

Output Ratings

Maximum Power: 30 W

Range 1: 0–20 V, 0–1.5 A

Range 2: 0–35 V, 0–0.85 A

Maximum current derates 1% per °C between 40°C and 55°C

Regulation Performance

Load Regulation (CV): $<0.01\% + 2 \text{ mV}$

Load Regulation (CC): $<0.01\% + 1 \text{ mA}$

Line Regulation (CV): $<0.01\% + 2 \text{ mV}$

Line Regulation (CC): $<0.01\% + 1 \text{ mA}$

Output Stability

Ripple & Noise (20 Hz–20 MHz): 200 μV RMS, 2 mV peak-to-peak

Output Drift (CV): $<0.1\% + 5 \text{ mV}$ over 8 hours post warm-up

Output Drift (CC): $<0.1\% + 10 \text{ mA}$ over 8 hours post warm-up

Temperature Coefficient (CV): $<0.02\% + 1 \text{ mV}/^\circ\text{C}$

Temperature Coefficient (CC): $<0.02\% + 2 \text{ mA}/^\circ\text{C}$

Transient Response: $<50 \mu\text{s}$ recovery to within 10 mV

Key Features

Digital voltmeter/ammeter with 3-digit displays (100 mV voltage resolution, 10 mA current resolution)

Front-panel RANGE button for output range selection

CC SET button for current limiting without output shorting

Continuously acting constant current protection for all overloads including direct short

Constant voltage limiting in constant current operation

Isolated front-panel output terminals

Typical Applications

Developmental IC circuit powering, linear and digital circuit testing, precision laboratory measurements, and general benchtop power distribution.

Compatibility & Integration

Three isolated front-panel output terminals accommodate standard lab connectors and test leads. 10-turn potentiometer controls enable fine adjustment across both voltage ranges.

E3611A Characteristics / Specifications

PARAMETER	VALUE
Number of Outputs	1
Number of Output Ranges	2
GPIB	No
Range 1 Output	0 to 20 V, 0 to 1.5 A
Range 2 Output	0 to 35 V, 0 to 0.85 A
Maximum Power	30 W
Load Regulation Voltage	Less than 0.01% + 2 mV
Load Regulation Current	Less than 0.01% + 1 mA
Line Regulation Voltage	Less than 0.01% + 2 mV
Line Regulation Current	Less than 0.01% + 1 mA
Ripple Voltage RMS 20 Hz to 20 MHz	Less than 200 μ V
Ripple Voltage Peak to Peak	Less than 2 mV
Ripple Current RMS	Less than 200 μ A
Ripple Current Peak to Peak	Less than 1 mA
Transient Response Time	Less than 50 μ s to within 10 mV for full to half load
Temperature Coefficient Voltage	Less than 0.02% + 1 mV perC Temperature Coefficient Current: Less than 0.02% + 2 mA perC Output Drift Voltage 8 hours: Less than 0.1% + 5 mV after 30 min warm-up
Output Drift Current 8 hours	Less than 0.1% + 10 mA after 30 min warm-up
Meter Resolution Voltage	10 mV
Meter Resolution Current	10 mA
Isolation	$\pm$ 240 Vdc
Operating Temperature Full Output	0 to 40 C
Current Derating Above 40 C	1% perC to 55 C
AC Input Standard	115 Vac $\pm$ 10%, 47 to 63 Hz
AC Input Option 0E	100 Vac $\pm$ 10%, 47 to 63 Hz

PARAMETER	VALUE
Cooling	Convection
Size	213 mmWx 91 mmHx 319 mmDNet Weight: 3.8 kg (8.4 lb)
Shipping Weight	5.1 kg (11.3 lb)
Operating temperature	Full Output: 0 to 40 C

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Full Output: 0 to 40 C
Operating Temperature	Full Output: 0 to 40 C
Operating Temperature Full Output	0 to 40 C
Current Derating Above 40 C	1% perCto 55 C
AC Input Standard	115 Vac ±10%, 47 to 63 Hz
AC Input Option 0E	100 Vac ±10%, 47 to 63 Hz
Cooling	Convection
Size	213 mmWx 91 mmHx 319 mmDNet Weight: 3.8 kg (8.4 lb)
Shipping Weight	5.1 kg (11.3 lb) Notes Specs from Agilent E361xA Operating and Service Manual and E3600-series catalog tables for E3611A. Accuracies and ripple are OEM warranted values unless marked typical in source.

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	2
GPiB	No
Range 1 Output	0 to 20 V, 0 to 1.5 A
Range 2 Output	0 to 35 V, 0 to 0.85 A
Maximum Power	30 W
Load Regulation Voltage	Less than 0.01% + 2 mV
Load Regulation Current	Less than 0.01% + 1 mA
Line Regulation Voltage	Less than 0.01% + 2 mV
Line Regulation Current	Less than 0.01% + 1 mA
Ripple Voltage RMS 20 Hz to 20 MHz: Less than 200 uV	
Specifications	
PARAMETER	VALUE
Ripple Voltage Peak to Peak	Less than 2 mV
Ripple Current RMS	Less than 200 uA
Ripple Current Peak to Peak	Less than 1 mA
Transient Response Time	Less than 50 us to within 10 mV for full to half load
Temperature Coefficient Voltage	Less than 0.02% + 1 mV perCTemperature Coefficient Current: Less than 0.02% + 2 mA perCOutput Drift Voltage 8 hours: Less than 0.1% + 5 mV after 30 min warm-up
Output Drift Current 8 hours	Less than 0.1% + 10 mA after 30 min warm-up
Meter Accuracy 25±5 C: ±0.5% + 2 counts	
Specifications	
PARAMETER	VALUE
Meter Resolution Voltage	10 mV
Meter Resolution Current	10 mA

PARAMETER	VALUE
Isolation	±240 Vdc
Operating Temperature Full Output	0 to 40 C
Current Derating Above 40 C	1% perCto 55 C
AC Input Standard	115 Vac ±10%, 47 to 63 Hz
AC Input Option 0E9	100 Vac ±10%, 47 to 63 Hz
AC Input Option 0E3	230 Vac ±10%, 47 to 63 Hz
Cooling	Convection
Size	213 mmWx 91 mmHx 319 mmDNet Weight: 3.8 kg (8.4 lb)
Shipping Weight	5.1 kg (11.3 lb)

Notes

Specs from Agilent E361xA Operating and Service Manual and E3600-series catalog tables for E3611A. Accuracies and ripple are OEM warranted values unless marked typical in source.

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>

NIST-traceable calibration · SAM registered ·
30-day returns
NAICS 423690 · 811210 · 541380
Generated August 14, 2026

Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.