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Data Sheet
August 14, 2026

AGILENT / KEYSIGHT

Agilent/Keysight E36233A

Output Ripple Noise Vrms Class: less than 350 uVrms class Remote Interfaces: USB LAN standard GPIB optional Front And Rear Connections: yesAdjustable Slew Rate: yes From Keysight E36200 Series Autoranging DC Power Supplies data sheet model column for E36233A. Remote Interfaces: USB LAN standard GPIB optional Front And Rear Connections: yesAdjustable Slew Rate: yes From Keysight E36200 Series Autoranging DC Power Supplies data sheet model column for E36233A.

MODEL	CALIBRATION
Agilent / Keysight E36233A	Available on request
CONDITION	STATUS
Used	In stock
RFQ / SKU	LISTING
E36233A	https://aumictechlabs.com/products/e36233a-2/

NIST-traceable cal · SAM registered · 30-day returns · NAICS 423690 · 811210 · 541380

This unit

The Keysight E36233A is a 400 W dual-output DC power supply built for electronic testing, development, and precision measurement applications. Each output delivers 0–30 V at 0–20 A (200 W per channel) with autoranging capability. The instrument supports auto-parallel configuration for up to 40 A output and auto-series operation for voltages up to 120 V.Programming and readback accuracy of ±0.03% + 4 mV (voltage) and ±0.1% + 6 mA (current) enable consistent, repeatable results. Line and load regulation better than 0.01% with ripple and noise below 350 µVrms ensure clean power delivery. Remote 4-wire sensing improves accuracy for sensitive circuits.Technical Specifications Output Configuration: Dual independent outputs, 200 W each; 400 W total Output Range: 0–30 V, 0–20 A per channel; autoranging with dynamic

current limiting Programmability: Voltage ±0.03% + 4 mV; current ±0.1% + 6 mA Readback Accuracy: Voltage ±0.03% + 4 mV; current ±0.1% + 6 mA; 100 mA range ±0.25% + 160 µA Regulation: Line and load < 0.01% Ripple & Noise: Voltage < 350 µVrms / 4.5 mV p-p; current < 1 mA rms Sensing: 2-wire local or 4-wire remote measurement modes Input: 100–240 VACKey Features Autoranging outputs with maximum current availability across voltage range Auto-parallel (40 A) and auto-series (120 V) capability for extended ranges Over-voltage, over-current, and over-temperature protection with delayed OCP option Integrated data logger for continuous measurement recording LIST mode for programmable output sequencing with internal/external trigger synchronization Variable voltage slew rate control to limit inrush current Low current measurement mode for enhanced resolution below 100 mA 4.3-inch color LCD display with color-coded controls and terminals Thermal-controlled fan reduces acoustic noise LAN (LXI Class C) and USB interfaces; optional GPIB module (E363GPBU)Typical Applications Component characterization, circuit validation, power management testing, device qualification, and bench development requiring dual independent or combined power sources with high accuracy and protection.Compatibility & Integration Code compatible with E3633A/E3634A platforms. Standard LAN and USB connectivity enable remote operation and integration into automated test systems.

E36233A Characteristics / Specifications

PARAMETER	VALUE
Model	E36233A
Power Output	400 W
Outputs	2
DC Output Rating Per Channel	0 to 30 V / 0 to 20 A
Autoranging	yes
Auto Parallel Current Class	up to 40 A combined
Programming Accuracy Voltage	0.03 percent + 4 mV
Programming Accuracy Current	0.1 percent + 6 mA
Readback Accuracy Voltage	0.03 percent + 4 mV
Readback Accuracy Current	0.1 percent + 6 mA
Low Range Current Accuracy	0.25 percent + 160 uA
Output Ripple Noise Vpp Class	less than 3.5 mVpp class (20 Hz to 20 MHz)
Output Ripple Noise Vrms Class	less than 350 uVrms class
Remote Sense	2-wire or 4-wire
Protection	OVP OCP OTP
Display	4.3 inch LCD color
Remote Interfaces	USB LAN standard GPIB optional
Series Family	E36200 Series
Brand Lineage	Agilent / Keysight
Form Factor	benchtop
Front And Rear Connections	yesAdjustable Slew Rate: yes
Output Sequencing	yes
LIST Mode	yes

E36233A Specifications

PARAMETER	VALUE
Dual isolated autoranging outputs	Auto parallel to 40 A combined
Technical Specifications	Model: E36233A
Notes	From Keysight E36200 Series Autoranging DC Power Supplies data sheet model column for E36233A.

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
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Power Output	400 W
Outputs	2
DC Output Rating Per Channel	0 to 30 V / 0 to 20 A
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Readback Accuracy Current	0.1 percent + 6 mA
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Output Ripple Noise Vpp Class	less than 3.5 mVpp class (20 Hz to 20 MHz)
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Series Family	E36200 Series
Brand Lineage	Agilent / Keysight
Form Factor	benchtop
Front And Rear Connections	yesAdjustable Slew Rate: yes
Output Sequencing	yes
LIST Mode	yes

Notes
From Keysight E36200 Series Autoranging DC Power Supplies data sheet model column for E36233A.

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

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