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Data Sheet

August 13, 2026

KEITHLEY

Keithley 2260B-800-1 " Programmable DC Power Supply, 800V, 1.44A, 360W

Key Features - Constant-power multi-range 800 V envelope at 360 W - Fast programmable voltage slew for HV ramps (1 V/s to 1600 V/s class) - Analog voltage or resistance programming with monitor outputs - Optional GPIB via USB adapter; USB host and device plus LAN standard - Narrow 360 W chassis (two units per half-rack class versus three 720 W units per rack width) - Fast discharge to reduce ATE wait after HV output off Technical

Specifications Model: 2260B-800-1 Manufacturer: Keithley / Tektronix Instrument Type: Multi range programmable DC power supply Alias: 2260B8001; 2260B-800-1 Output voltage: 0 to 800 V Output current: 0 to 1.44 A Maximum power: 360 W Programming accuracy voltage: 0.1% of setting + 400 mV (23 C ±5 C) Programming accuracy current: 0.1% of setting + 2 mA (23 C ±5 C) Readback accuracy voltage: 0.



MODEL

Keithley 2260B-800-1

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

2260B-800-1

LISTING

<https://aumictechlabs.com/products/2260b-800-1-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Keithley 2260B-800-1 is a 360W programmable DC power supply delivering precision voltage and current control up to 800V and 1.44A. Purpose-built for R&D, quality control, and production testing, this bench-top unit combines high-voltage capability with fast transient response and

comprehensive protection features. Technical Specifications Power Output Maximum power: 360W Power limit: Approximately 105% of rated output power Voltage Maximum output: 800V Voltage range selector: 500–999V Accuracy and linearity: $\pm 0.5\%$ of rated output voltage Slew rate range: 0.1 V/s to 1600 V/s Overvoltage protection setting range: Up to 880V Current Maximum output: 1.44A Current range selector: 0–2.49A Accuracy and linearity: $\pm 1\%$ of rated output current Slew rate range: 0.001 A/s to 2.880 A/s Overcurrent protection accuracy: $\pm 2\%$ of rated output voltage Input AC voltage range: 85 VAC to 265 VAC, 50/60 Hz, single phase Power factor: 0.97 to 0.99 (typical) Hold-up time: 20 ms or greater Operating Performance Transient recovery time: 1 ms to load changes Temperature coefficient: 200 ppm/ $^{\circ}\text{C}$ of rated output voltage (after 30-minute warm-up) Operating modes: Constant Voltage (CV) and Constant Current (CC) Key Features Programmable voltage and current with selectable rise and fall times Constant Current Priority Setting reduces voltage and current overshoot when powering LEDs Programmable output resistance simulates battery characteristics Internal Test Sequence Mode outputs set voltage levels for varying time intervals Overtemperature and low AC input protection with automatic output shutdown Fast discharge capability dissipates output voltage quickly LED display for real-time monitoring Forced air cooling via internal fan Typical Applications Component characterization and stress testing in R&D environments Automated production test sequences Quality control validation of high-voltage and low-current devices Battery simulation and LED driver testing Compatibility & Integration USB (Type A host on front, Type B control on rear) LAN (Ethernet) for remote control and monitoring GPIB support via optional 2260B-GPIB-USB Adapter Analog control via 26-pin connector for external voltage/resistance control, voltage and current monitoring, and status signals Physical Dimensions: 71 mm (W) $\times$ 124 mm (H) $\times$ 350 mm (D) Weight: Approximately 3 kg (main unit only) Measurement Category: II

Features & description

From manufacturer datasheet

Features

- Constant-power multi-range 800 V envelope at 360 W
- Fast programmable voltage slew for HV ramps (1 V/s to 1600 V/s class)
- Analog voltage or resistance programming with monitor outputs
- Optional GPIB via USB adapter; USB host and device plus LAN standard
- Narrow 360 W chassis (two units per half-rack class versus three 720 W units per rack width)
- Fast discharge to reduce ATE wait after HV output off

2260B800 Characteristics / Specifications

PARAMETER	VALUE
Model	2260B-800-1
Manufacturer	Keithley / Tektronix
Instrument Type	Multi range programmable DC power supply
Alias	2260B8001; 2260B-800-1
Output voltage	0 to 800 V
Output current	0 to 1.44 A
Maximum power	360 W
Programming accuracy voltage	0.1% of setting + 400 mV (23 C $\pm$ 5 C)
Programming accuracy current	0.1% of setting + 2 mA (23 C $\pm$ 5 C)
Readback accuracy voltage	0.1% of setting + 400 mV
Readback accuracy current	0.1% of setting + 2 mA
Ripple noise CV peak to peak	200 mV (20 MHz noise bandwidth)
Ripple noise CV rms	30 mV (1 MHz ripple bandwidth)
Ripple noise CC rms	5 mA
Voltage slew range	1 V/s to 1600 V/s rising and falling
Current slew range	0.001 A/s to 2.880 A/s rising and falling
Programming resolution voltage	14 mV (PC remote)
Programming resolution current	0.2 mA (PC remote)
Front display accuracy voltage	0.1% $\pm$ 400 mV
Front display accuracy current	0.1% $\pm$ 2 mA
Rise time	150 ms
Fall time full load	300 ms
Fall time no load	2000 ms
Load transient recovery	2 ms (50% to 100% load)
Remote sense drop	1 V maximum per load wire (250 V and 800 V models)

PARAMETER	VALUE
Output delay range	0 s to 99.99 s on and off
AC input	85 VAC to 265 VAC, 50/60 Hz single phase
Maximum power consumption	500 VA
Interfaces	USB 1.1/2.0 host and device; 100BASE-T LAN; analog; optional GPIB adapter
Form	71 mm wide 360 W chassis
Related models	2260B-800-2 (720 W, 2.88 A); 2260B-800-4 (1080 W, 4.32 A)

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	
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Model	2260B-800-1
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Notes

Specs from Keithley Series 2260B data sheet (23 C $\pm$ 5 C). Do not confuse 2260B-800-1 (360 W / 1.44 A) with 2260B-800-2 or 2260B-800-4. HV accessory kit 2260-010 / 2260-009 applies rather than the 36 V/80 V lead 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

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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.