

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 13, 2026

KEITHLEY

Keithley 2260B-800-2 " Programmable DC Power Supply, 800V, 2.88A, 720W

Key Features - Constant-power multi-range 800 V envelope - 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 - Series/parallel master-slave cables distinct from 30 V/80 V kits - Fast discharge to reduce ATE wait after HV output off

Technical Specifications Model: 2260B-800-2 Manufacturer: Keithley / Tektronix Instrument Type: Multi range programmable DC power supply Alias: 2260B8002; 2260B-800-2 Output voltage: 0 to 800 V Output current: 0 to 2.88 A Maximum power: 720 W Programming accuracy voltage: 0.1% of setting + 400 mV (23 C ±5 C) Programming accuracy current: 0.1% of setting + 4 mA (23 C ±5 C) Readback accuracy voltage: 0.1% of setting + 400 mV Readback accuracy current: 0.



MODEL

Keithley 2260B-800-2

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

2260B-800-2

LISTING

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

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Keithley 2260B-800-2 is a programmable DC power supply delivering up to 800 V and 2.88 A across a 720 W output range. Built for high-voltage test environments, It has precise voltage and current control with line regulation to $\leq 0.01\% + 3 \text{ mV}$ and load regulation to $\leq 0.02\% + 5 \text{ mV}$.

Output ripple and noise remain below 5 mVrms and 50 mVp-p across the 20 Hz to 20 MHz spectrum. The supply incorporates overvoltage, overcurrent, overpower, and reverse polarity protection. Programming accuracy reaches $\leq 0.1\% + 10 \text{ mV}$ for voltage and $\leq 0.1\% + 10 \text{ mA}$ for current at $25^\circ\text{C} \pm 5^\circ\text{C}$. Transient response settles within 1% of setpoint within 500 μs following a 50% load change. Technical Specifications Output voltage: 0–800 V Output current: 0–2.88 A Output power: 720 W Voltage setting resolution: 10 mV (0–99.99 V), 100 mV (100–800 V) Current setting resolution: 1 mA (0–0.999 A), 10 mA (1.00–2.88 A) Voltage readback resolution: 10 mV Current readback resolution: 1 mA Line regulation (voltage): $\leq 0.01\% + 3 \text{ mV}$ Line regulation (current): $\leq 0.01\% + 3 \text{ mA}$ Load regulation (voltage): $\leq 0.02\% + 5 \text{ mV}$ Load regulation (current): $\leq 0.02\% + 5 \text{ mA}$ Programming accuracy (voltage): $\leq 0.1\% + 10 \text{ mV}$ at $25^\circ\text{C} \pm 5^\circ\text{C}$ Programming accuracy (current): $\leq 0.1\% + 10 \text{ mA}$ at $25^\circ\text{C} \pm 5^\circ\text{C}$ Readback accuracy (voltage): $\leq 0.1\% + 5 \text{ mV}$ at $25^\circ\text{C} \pm 5^\circ\text{C}$ Readback accuracy (current): $\leq 0.1\% + 5 \text{ mA}$ at $25^\circ\text{C} \pm 5^\circ\text{C}$ Ripple and noise (20 Hz–20 MHz): 5 mVrms / 50 mVp-p (voltage), 5 mArms (current) Transient response: $\leq 1\%$ settling within 500 μs at 50% load change Operating temperature: 0°C to 40°C Storage temperature: -20°C to 70°C Cooling: Forced air Key Features Overvoltage, overcurrent, and overpower protection Reverse polarity protection Remote sensing capability for load-terminal voltage accuracy Digital voltage and current display Rack mountable configuration Typical Applications High-voltage device characterization, power semiconductor testing, and laboratory development environments requiring stable, controllable DC sources. Compatibility & Integration USB Device and GPIB (IEEE 488.2) interfaces for remote control SCPI command set support for test automation platforms Windows-based software control compatibility

Features & description

From manufacturer datasheet

Features

- Constant-power multi-range 800 V envelope

2260B800 Characteristics / Specifications

PARAMETER	VALUE
Model	2260B-800-2
Manufacturer	Keithley / Tektronix
Instrument Type	Multi range programmable DC power supply
Alias	2260B8002; 2260B-800-2
Output voltage	0 to 800 V
Output current	0 to 2.88 A
Maximum power	720 W
Programming accuracy voltage	0.1% of setting + 400 mV (23 C $\pm$ 5 C)
Programming accuracy current	0.1% of setting + 4 mA (23 C $\pm$ 5 C)
Readback accuracy voltage	0.1% of setting + 400 mV
Readback accuracy current	0.1% of setting + 4 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	10 mA
Voltage slew range	1 V/s to 1600 V/s rising and falling
Current slew range	0.001 A/s to 5.760 A/s rising and falling
Programming resolution voltage	14 mV (PC remote)
Programming resolution current	1 mA (PC remote)
Front display accuracy voltage	0.1% $\pm$ 400 mV
Front display accuracy current	0.1% $\pm$ 4 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	1000 VA
Interfaces	USB 1.1/2.0 host and device; 100BASE-T LAN; analog; optional GPIB adapter
Form	142 mm wide 720 W chassis; three units per standard rack width
Related models	2260B-800-1 (360 W, 1.44 A); 2260B-800-4 (1080 W, 4.32 A) Notes Specs from Keithley Series 2260B data sheet (23 C $\pm$ 5 C). Do not confuse 2260B-800-2 (720 W / 2.88 A) with 2260B-800-1 or 2260B- 800-4. HV accessory kit 2260-010 / 2260-009 applies rather than the 36 V/80 V lead kit.

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	2260B-800-2
Manufacturer	Keithley / Tektronix
Instrument Type	Multi range programmable DC power supply
Specifications	
PARAMETER	VALUE
Alias	2260B8002; 2260B-800-2
Output voltage	0 to 800 V
Output current	0 to 2.88 A
Specifications	
PARAMETER	VALUE
Maximum power	720 W
Programming accuracy voltage	0.1% of setting + 400 mV (23 C ±5 C)
Programming accuracy current	0.1% of setting + 4 mA (23 C ±5 C)
Specifications	
PARAMETER	VALUE
Readback accuracy voltage	0.1% of setting + 400 mV
Readback accuracy current	0.1% of setting + 4 mA
Ripple noise CV peak to peak	200 mV (20 MHz noise bandwidth)
Specifications	
PARAMETER	VALUE
Ripple noise CV rms	30 mV (1 MHz ripple bandwidth)
Ripple noise CC rms	10 mA
Voltage slew range	1 V/s to 1600 V/s rising and falling

Specifications

PARAMETER	VALUE
Current slew range	0.001 A/s to 5.760 A/s rising and falling
Programming resolution voltage	14 mV (PC remote)
Programming resolution current	1 mA (PC remote)

Specifications

PARAMETER	VALUE
Front display accuracy voltage	0.1% ± 400 mV
Front display accuracy current	0.1% ± 4 mA
Rise time	150 ms

Specifications

PARAMETER	VALUE
Fall time full load	300 ms
Fall time no load	2000 ms
Load transient recovery	2 ms (50% to 100% load)

Specifications

PARAMETER	VALUE
Remote sense drop	1 V maximum per load wire (250 V and 800 V models)
Output delay range	0 s to 99.99 s on and off
AC input	85 VAC to 265 VAC, 50/60 Hz single phase

Specifications

PARAMETER	VALUE
Maximum power consumption	1000 VA
Interfaces	USB 1.1/2.0 host and device; 100BASE-T LAN; analog; optional GPIB adapter
Form	142 mm wide 720 W chassis; three units per standard rack width

Related models: 2260B-800-1 (360 W, 1.44 A); 2260B-800-4 (1080 W, 4.32 A)

Notes

Specs from Keithley Series 2260B data sheet (23 C ±5 C). Do not confuse 2260B-800-2 (720 W / 2.88 A) with 2260B-800-1 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

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 13, 2026

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