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Data Sheet

August 2, 2026

KEITHLEY

Keithley 2260B-250-9 – Programmable DC Power Supply, 250V, 9A, 720W

Keithley 2260B-250-9 – Programmable DC Power Supply, 250V, 9A, 720W The 2260B2509 provides a single-output programmable DC power supply designed for 720 W operation with a 0 to 250 V, 0 to 9 A output envelope, constant-power limiting, programmable voltage and current slew, and the 2260B remote interface set for bench and production test. High-voltage DC device and module testing; capacitor and battery charging at elevated voltage; automotive and industrial power-component characterization; programmable voltage and current ramp and profile testing; remote bench and production test via USB, LAN, or optional GPIB. The 2260B2509 provides a single-output programmable DC power supply designed for 720 W operation with a 0 to 250 V, 0 to 9 A output envelope, constant-power limiting, programmable voltage and current slew, and the 2260B remote interface set for bench and production test. High-voltage DC device and module testing; capacitor and battery charging at elevated voltage; automotive and industrial power-component characterization; programmable voltage and current ramp and profile testing; remote bench and production test via USB, LAN, or optional GPIB.



MODEL

Keithley 2260B-250-9

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

2260B-250-9

LISTING

<https://aumictechlabs.com/products/2260b-250-9-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Keithley 2260B-250-9 is a 720 W programmable DC power supply delivering 0–250 V and 0–9 A output. Built for research, development, quality control, and production test environments, this single-output instrument combines precise voltage and current control with advanced programming capabilities.

Technical Specifications

Output Performance

Maximum power: 720 W
Voltage range: 0–250 V
Current range: 0–9 A
Output accuracy: $\pm 0.5\%$ of rated voltage; $\pm 1\%$ of rated current
Voltage ripple and noise: 100 mV peak-to-peak, 15 mV RMS
Temperature coefficient: 100 ppm/°C of rated output voltage
Transient response time: 1 ms (50% to 100% load step)

Programmable Control

Voltage slew rate: 0.1–1600 V/s (model dependent)
Current slew rate: 0.01–216 A/s (model dependent)
Programmable rise and fall times for voltage and current
Internal resistance simulation for battery output testing
Constant current priority mode for LED applications
Internal test sequence mode for automated voltage level execution

Key Features

Constant power output capability
Analog control via external voltage and resistance inputs
Single channel with stable, low-noise performance
Fast transient settling for dynamic load conditions

Typical Applications

LED and semiconductor device characterization
Battery simulation and electrochemical testing
Component burn-in and stress screening
Power conversion efficiency measurements
Laboratory research requiring programmable multi-level sourcing

Compatibility & Integration

USB, LAN, and optional GPIB interfaces enable integration into automated test systems and remote operation in networked laboratory environments.

Features & description

From manufacturer datasheet

Features

- Single output, 720 W: 0 to 250 V, 0 to 9 A
- Constant-power output envelope
- Programmable voltage and current rise/fall times
- Constant-current priority setting for LED and low-impedance loads
- Programmable internal resistance (battery simulation class)
- USB, LAN, and analog control interfaces; optional GPIB
- Series and parallel master-slave operation (2260B family)
- Compact 142 mm-wide 720 W chassis (three per rack width class)

2260B250 Characteristics / Specifications

PARAMETER	VALUE
Model	2260B-250-9 (2260B2509)
Manufacturer	Keithley (Tektronix)
Instrument Type	Programmable DC Power Supply
Output Configuration	Single output
Maximum Power	720 W
Voltage Range	0 to 250 V
Current Range	0 to 9 A
Power Mode	Constant-power envelope
Programmable Internal Resistance	Yes (2260B family feature)
Remote Interfaces	USB, LAN, analog; optional GPIB
Related Models	2260B-250-13 (1080 W / 13.5 A—distinct rating)
Alias	2260B2509 Standard Operating Conditions Operate within the 250 V / 9 A / 720 W envelope and observe ventilation clearance for continuous high-power output. Configure slew rates and internal resistance to match DUT requirements and wiring inductance. Verify master-slave cabling and addressing before parallel or series stacking.
Single output, 720 W	0 to 250 V, 0 to 9 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

Specifications

PARAMETER	VALUE
Model	2260B-250-9 (2260B2509)
Manufacturer	Keithley (Tektronix)
Instrument Type	Programmable DC Power Supply
Output Configuration	Single output
Maximum Power	720 W
Voltage Range	0 to 250 V
Current Range	0 to 9 A
Power Mode	Constant-power envelope
Programmable Internal Resistance	Yes (2260B family feature)
Remote Interfaces	USB, LAN, analog; optional GPIB

Multi-Unit Operation: Series/parallel master-slave (2260B family)
Related Models: 2260B-250-13 (1080 W / 13.5 A-distinct rating)
Alias: 2260B2509

Standard Operating Conditions
Operate within the 250 V / 9 A / 720 W envelope and observe ventilation clearance for continuous high-power output. Configure slew rates and internal resistance to match DUT requirements and wiring inductance. Verify master-slave cabling and addressing before parallel or series stacking.

Operational Notes
Confirm faceplate as 2260B-250-9-not 2260B-250-13 (1080 W / 13.5 A). High-voltage outputs require appropriate safety interlocks and probe ratings. Alias 2260B2509.

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