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Data Sheet

August 2, 2026

KEITHLEY

Keithley 2260B-250-13 – Programmable DC Power Supply, 250V, 13.5A, 1080W

Keithley 2260B-250-13 – Programmable DC Power Supply, 250V, 13.5A, 1080W The 2260B25013 provides a single-output programmable DC power supply designed for 1080 W operation with a 0 to 250 V, 0 to 13.5 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 2260B25013 provides a single-output programmable DC power supply designed for 1080 W operation with a 0 to 250 V, 0 to 13.5 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-250-13

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

2260B-250-13

LISTING

<https://aumictechlabs.com/products/2260b-250-13-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Keithley 2260B-250-13 is a 1080W programmable DC power supply engineered for benchtop and system-level applications demanding precise voltage and current control. This single-output instrument delivers 0–250V and 0–13.5A with programmable rise/fall times, constant current priority mode, and simulated battery output characteristics via adjustable internal resistance. Fast 1ms transient response and comprehensive protection (OVP, OCP, OTP) make it suitable for component testing, production validation, and design verification across research, quality control, and manufacturing environments. The unit accommodates both analog control via 26-pin connector and digital interfaces for laboratory and automated test system integration.

Technical Specifications
Output Voltage: 0 V to 250 V
Output Current: 0 A to 13.5 A
Power Rating: 1080W (1.08kW)
Voltage Slew Rate: 0.1 V/s to 60 V/s
Current Slew Rate: 0.01 A/s to 144 A/s
Transient Recovery Time: 1ms
Programmable Internal Resistance: Up to 18.51Ω
Overvoltage Protection: 10% to 100% of rated output voltage (±2% accuracy)
Overcurrent Protection: ~10% to 110% of rated output current (±2% accuracy)
Over-Temperature Protection: Activated at elevated internal temperatures
Isolation Voltage: 500 VDC (output to chassis)
Output Connectors: IEC 320 standard input connector

Key Features
Programmable rise and fall times prevent inrush current damage to low-impedance loads
Constant current priority setting reduces voltage and current overshoot for LED testing
Internal test sequence mode stores and repeats voltage levels over specified time intervals
Fast discharge capability rapidly dissipates output voltage
Simulated battery output with variable internal resistance for multiple chemistry testing

Typical Applications
LED and semiconductor device characterization
Battery simulation and load testing
Component stress and reliability verification
Production test environments requiring multi-level waveform generation
Design validation requiring transient load response analysis

Compatibility & Integration
Analog control via 26-pin connector for external voltage/resistance control and status monitoring
USB interface for digital control and data acquisition
Rack-mountable form factor for integrated test system deployment
Measurement Category II (IEC 60664) rated for local AC mains protection

Features & description

From manufacturer datasheet

Features

- Single output, 1080 W: 0 to 250 V, 0 to 13.5 A
- Constant-power output envelope
- Programmable voltage slew 0.1 to 500 V/s class
- Programmable current slew 0.01 to 27 A/s class
- Programmable internal resistance
- USB, LAN, and analog control interfaces; optional GPIB
- Series and parallel master-slave operation (2260B family)

2260B250 Characteristics / Specifications

PARAMETER	VALUE
Model	2260B-250-13 (2260B25013)
Manufacturer	Keithley (Tektronix)
Instrument Type	Programmable DC Power Supply
Output Configuration	Single output
Maximum Power	1080 W
Voltage Range	0 to 250 V
Current Range	0 to 13.5 A
Power Mode	Constant-power envelope
Voltage Slew Rate	0.1 to 500 V/s (programmable class)
Current Slew Rate	0.01 to 27 A/s (programmable class)
Programmable Internal Resistance	Yes (2260B family feature)
Remote Interfaces	USB, LAN, analog; optional GPIB
Alias	2260B25013 Standard Operating Conditions Operate within the 250 V / 13.5 A / 1080 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.
Confirm faceplate or option label before quoting output capability	2260B suffix sets voltage, current, and power ratings. High-voltage outputs require appropriate safety interlocks and probe ratings. Alias 2260B25013.
Single output, 1080 W	0 to 250 V, 0 to 13.5 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-250-13 (2260B25013)
Manufacturer	Keithley (Tektronix)
Instrument Type	Programmable DC Power Supply
Output Configuration	Single output
Maximum Power	1080 W
Voltage Range	0 to 250 V
Current Range	0 to 13.5 A
Power Mode	Constant-power envelope
Voltage Slew Rate	0.1 to 500 V/s (programmable class)
Current Slew Rate	0.01 to 27 A/s (programmable class)
Programmable Internal Resistance	Yes (2260B family feature)
Remote Interfaces	USB, LAN, analog; optional GPIB

Multi-Unit Operation: Series/parallel master-slave (2260B family)
Alias: 2260B25013

Standard Operating Conditions
Operate within the 250 V / 13.5 A / 1080 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 or option label before quoting output capability-2260B suffix sets voltage, current, and power ratings. High-voltage outputs require appropriate safety interlocks and probe ratings. Alias 2260B25013.

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.