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Data Sheet

August 2, 2026

KEITHLEY

Keithley 2260B-80-13 – Programmable DC Power Supply, 80V, 13.5A, 360W

Keithley 2260B-80-13 – Programmable DC Power Supply, 80V, 13.5A, 360W The 2260B8013 provides a single-output programmable DC power supply designed for 360 W operation with a 0 to 80 V, 0 to 13.5 A output envelope, constant-power limiting, programmable voltage and current slew, and USB, LAN, and analog control interfaces. LED and semiconductor device characterization; battery and capacitor charging profiles; automotive and industrial DC load simulation; programmable voltage and current ramp testing; remote bench and production test via USB, LAN, or analog control. The 2260B8013 provides a single-output programmable DC power supply designed for 360 W operation with a 0 to 80 V, 0 to 13.5 A output envelope, constant-power limiting, programmable voltage and current slew, and USB, LAN, and analog control interfaces. LED and semiconductor device characterization; battery and capacitor charging profiles; automotive and industrial DC load simulation; programmable voltage and current ramp testing; remote bench and production test via USB, LAN, or analog control.



MODEL

Keithley 2260B-80-13

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

2260B-80-13

LISTING

<https://aumictechlabs.com/products/2260b-80-13-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Keithley 2260B-80-13 is a single-output programmable DC power supply engineered for precise power delivery across a wide range of voltage and current combinations. Operating across 0 V to 80 V and 0 A to 13.5 A within a 360 W envelope, this unit delivers constant power output with exceptional control over transient behavior. Programmable slew rate control, fast 1 ms transient recovery, and integrated inrush current management make it ideal for sensitive component characterization, LED testing, and automated test sequences.

Technical Specifications

Output: Single output Voltage range: 0 V to 80 V Current range: 0 A to 13.5 A Power rating: 360 W Constant power delivery across flexible voltage/current combinations Transient recovery: 1 ms to load changes Fast discharge capability for rapid voltage dissipation

Programmable Control: Voltage slew rate: 0.1 V/s to 160 V/s Current slew rate: 0.01 A/s to 144 A/s Programmable rise and fall times for both voltage and current Constant current priority mode to minimize overshoot Internal resistance simulation for battery characteristics Test sequence mode for multi-level voltage output at defined intervals Analog control via external voltage and resistance inputs

Input Power: 85 VAC to 265 VAC, single phase 50/60 Hz

Physical & Environmental: Dimensions: 2.80" × 4.88" × 13.78" (W × H × D) Bench top mounting; six 71 mm units fit standard 19" rack width Operating temperature: 0 °C to 50 °C Relative humidity: 20% to 85%

Key Features Programmable voltage and current slew rates prevent inrush damage to low-impedance loads Constant current priority reduces overshoot on LED and sensitive device testing 1 ms transient response accelerates automated test cycles Analog control interface enables external command via rear-panel 26-pin connector Test sequence mode outputs multiple voltage levels for DUT performance validation

Typical Applications LED driver and fixture testing Component characterization under controlled transient conditions Battery simulation and discharge profiling Automated test environments requiring programmable power control Inrush current mitigation for protective device validation

Compatibility & Integration USB and LAN interfaces (GPIB optional) 26-pin rear-panel analog control connector Operation, Quick Start, and Verification & Adjustment manuals provided

Features & description

From manufacturer datasheet

Features

- Single output, 360 W: 0 to 80 V, 0 to 13.5 A
- Constant-power output envelope
- Programmable voltage slew 0.1 to 160 V/s
- Programmable current slew 0.01 to 27 A/s
- Programmable internal resistance 0 to 5.926 Ω
- USB, LAN, and analog control interfaces
- CC-priority mode for LED testing

2260B80 Characteristics / Specifications

PARAMETER	VALUE
Model	2260B-80-13 (2260B8013)
Manufacturer	Keithley (Tektronix)
Instrument Type	Programmable DC Power Supply
Output Configuration	Single output
Maximum Power	360 W
Voltage Range	0 to 80 V
Current Range	0 to 13.5 A
Power Mode	Constant-power envelope
Voltage Slew Rate	0.1 to 160 V/s (programmable)
Current Slew Rate	0.01 to 27 A/s (programmable)
Programmable Internal Resistance	0 to 5.926 Ω
Remote Interfaces	USB, LAN, analog
Related Models	2260B-80-27, 2260B-80-40 (distinct ratings—do not confuse)
Alias	2260B8013 Standard Operating Conditions Operate within the 80 V / 13.5 A / 360 W envelope and observe ventilation clearance for continuous high-power output. Configure slew rates and internal resistance to match DUT requirements and wiring inductance.
Single output, 360 W	0 to 80 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-80-13 (2260B8013)
Manufacturer	Keithley (Tektronix)
Instrument Type	Programmable DC Power Supply
Output Configuration	Single output
Maximum Power	360 W
Voltage Range	0 to 80 V
Current Range	0 to 13.5 A
Power Mode	Constant-power envelope
Voltage Slew Rate	0.1 to 160 V/s (programmable)
Current Slew Rate	0.01 to 27 A/s (programmable)
Programmable Internal Resistance	0 to 5.926 Ω
Remote Interfaces	USB, LAN, analog
Related Models	2260B-80-27, 2260B-80-40 (distinct ratings-do not confuse)
Alias	2260B8013

Standard Operating Conditions

Operate within the 80 V / 13.5 A / 360 W envelope and observe ventilation clearance for continuous high-power output. Configure slew rates and internal resistance to match DUT requirements and wiring inductance.

Operational Notes

Do not confuse 2260B-80-13 with 2260B-80-27 or 2260B-80-40 variants-the voltage, current, and power ratings differ by model suffix. Confirm faceplate or option label before quoting output capability. Alias 2260B8013.

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.