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Data Sheet

August 13, 2026

KEITHLEY

Keithley 2260B-30-108 €" Programmable DC Power Supply, 30V, 108A, 1080W

Key Features - Highest current in the 2260B 30 V family (108 A / 1080 W) - CC priority and independent current slew for LED and inrush-limited loads - Programmable battery-like internal resistance - Analog control of voltage and current plus status I/O - Master-slave parallel stacking for still higher current - 214 mm wide 1080 W chassis (two per rack width) Technical Specifications Model: 2260B-30-108 Manufacturer: Keithley / Tektronix Instrument Type: Multi range programmable DC power supply Alias: 2260B30108; 2260B-30-108 Output voltage: 0 to 30 V Output current: 0 to 108 A Maximum power: 1080 W Programming accuracy voltage: 0.1% of setting + 10 mV (23 C ±5 C) Programming accuracy current: 0.1% of setting + 100 mA (23 C ±5 C) Readback accuracy voltage: 0.1% of setting + 10 mV Readback accuracy current: 0.



MODEL

Keithley 2260B-30-108

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

2260B-30-108

LISTING

<https://aumictechlabs.com/products/2260b-30-108-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Keithley 2260B-30-108 is a 1080 W programmable DC power supply delivering 30 V at 108 A for precision testing applications. This single-output instrument combines low noise performance with independent control of voltage and current ramp rates, making it suitable for R&D, quality assurance, and production test environments where load transients and dynamic power demands

require rapid response. The supply accepts 85–265 VAC single-phase input and maintains 0.97–0.99 power factor efficiency. Output voltage regulation is 18 mV line regulation and 20 mV load regulation in constant voltage mode, with ripple and noise held to 14 mV RMS across the full output range. Current ripple measures 72 mA RMS. Fast transient recovery - 1 ms to step load changes - supports testing of sensitive components. Temperature drift is specified at 200 ppm/°C after warmup. Technical Specifications Output: Single channel, 0–30 V, 0–108 A, 1080 W maximum Voltage Slew Rate: 0.1 V/s to 1600 V/s (programmable) Current Slew Rate: 0.001 A/s to 216.0 A/s (programmable) Line Regulation: 18 mV voltage; 10 mA current Load Regulation: 20 mV voltage; 27 mA current Ripple & Noise: 14 mV RMS (voltage), 72 mA RMS (current) Transient Recovery: 1 ms to load step Input: 85–265 VAC, 50/60 Hz, single phase; ≥20 ms hold-up time Power Factor: 0.97–0.99 typical Key Features Programmable rise and fall times for independent control of voltage and current edges Constant current priority mode reduces voltage and current overshoot, especially for LED applications Simulated battery mode via programmable internal resistance Fast output discharge for rapid power cycling Overvoltage protection: 3–33 V range, ±2% accuracy Overtemperature and AC-fail shutdown protection Temperature coefficient: 200 ppm/°C (post-warmup) Typical Applications LED driver testing and characterization Battery simulation and charge/discharge profiling Component stress and thermal cycling Power conversion efficiency verification Production burn-in and functional test Compatibility & Integration Programmable command interface enables integration into automated test systems. Hold-up time of 20 ms or greater supports ride-through during brief line sags.

Features & description

From manufacturer datasheet

Features

- Highest current in the 2260B 30 V family (108 A / 1080 W)

2260B30108 Characteristics / Specifications

PARAMETER	VALUE
Model	2260B-30-108
Manufacturer	Keithley / Tektronix
Instrument Type	Multi range programmable DC power supply
Alias	2260B30108; 2260B-30-108
Output voltage	0 to 30 V
Output current	0 to 108 A
Maximum power	1080 W
Programming accuracy voltage	0.1% of setting + 10 mV (23 C $\pm$ 5 C)
Programming accuracy current	0.1% of setting + 100 mA (23 C $\pm$ 5 C)
Readback accuracy voltage	0.1% of setting + 10 mV
Readback accuracy current	0.1% of setting + 100 mA
Ripple noise CV peak to peak	100 mV (20 MHz noise bandwidth)
Ripple noise CV rms	14 mV (1 MHz ripple bandwidth)
Ripple noise CC rms	216 mA
Voltage slew range	0.1 V/s to 60 V/s rising and falling (30 V models)
Current slew range	0.1 A/s to 216.0 A/s rising and falling
Internal resistance range	0.000 ohm to 0.278 ohm
Programming resolution voltage	1 mV (PC remote)
Programming resolution current	3 mA (PC remote)
Front display accuracy voltage	0.1% $\pm$ 20 mV
Front display accuracy current	0.1% $\pm$ 100 mA
Rise time	50 ms
Fall time full load	50 ms
Fall time no load	500 ms
Load transient recovery	1 ms (50% to 100% load)

PARAMETER	VALUE
Remote sense drop	0.6 V maximum per load wire (30 V and 80 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
Maximum power consumption	1500 VA
Power factor	0.97 to 0.99 typical
Interfaces	USB 1.1/2.0 host and device; 100BASE-T LAN; analog; optional GPIB adapter
Related models	2260B-30-36 (360 W, 36 A); 2260B-30-72 (720 W, 72 A) Notes Specs from Keithley Series 2260B data sheet (23 C $\pm$ 5 C). Confirm 2260B-30-108 versus 2260B-30-36 or 2260B-30-72 before quoting current or power.

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-30-108
Manufacturer	Keithley / Tektronix
Instrument Type	Multi range programmable DC power supply
Specifications	
PARAMETER	VALUE
Alias	2260B30108; 2260B-30-108
Output voltage	0 to 30 V
Output current	0 to 108 A
Specifications	
PARAMETER	VALUE
Maximum power	1080 W
Programming accuracy voltage	0.1% of setting + 10 mV (23 C ±5 C)
Programming accuracy current	0.1% of setting + 100 mA (23 C ±5 C)
Specifications	
PARAMETER	VALUE
Readback accuracy voltage	0.1% of setting + 10 mV
Readback accuracy current	0.1% of setting + 100 mA
Ripple noise CV peak to peak	100 mV (20 MHz noise bandwidth)
Specifications	
PARAMETER	VALUE
Ripple noise CV rms	14 mV (1 MHz ripple bandwidth)
Ripple noise CC rms	216 mA
Voltage slew range	0.1 V/s to 60 V/s rising and falling (30 V models)

Specifications

PARAMETER	VALUE
Current slew range	0.1 A/s to 216.0 A/s rising and falling
Internal resistance range	0.000 ohm to 0.278 ohm
Programming resolution voltage	1 mV (PC remote)

Specifications

PARAMETER	VALUE
Programming resolution current	3 mA (PC remote)
Front display accuracy voltage	0.1% ± 20 mV
Front display accuracy current	0.1% ± 100 mA

Specifications

PARAMETER	VALUE
Rise time	50 ms
Fall time full load	50 ms
Fall time no load	500 ms

Specifications

PARAMETER	VALUE
Load transient recovery	1 ms (50% to 100% load)
Remote sense drop	0.6 V maximum per load wire (30 V and 80 V models)
Output delay range	0 s to 99.99 s on and off

Specifications

PARAMETER	VALUE
AC input	85 VAC to 265 VAC, 50/60 Hz single phase
Maximum power consumption	1500 VA
Power factor	0.97 to 0.99 typical

Interfaces: USB 1.1/2.0 host and device; 100BASE-T LAN; analog; optional GPIB adapter

Related models: 2260B-30-36 (360 W, 36 A); 2260B-30-72 (720 W, 72 A)

Notes

Specs from Keithley Series 2260B data sheet (23 C ±5 C). Confirm 2260B-30-108 versus 2260B-30-36 or 2260B-30-72 before quoting current or power.

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.