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Data Sheet

August 2, 2026

KEITHLEY

Keithley 2260B-30-72 – Programmable DC Power Supply, 30V, 72A, 720W

Keithley 2260B-30-72 – Programmable DC Power Supply, 30V, 72A, 720W The 2260B3072 provides a single-output programmable DC power supply designed for 720 W operation with a 0 to 30 V, 0 to 72 A output envelope, sharing the 2260B family constant-power, slew-rate, and remote interface feature set for high-current bench and production test. High-current DC load and device testing at low voltage; battery pack and supercapacitor charge/discharge profiling; automotive and power-electronics component characterization; LED and semiconductor testing with CC-priority behavior; remote bench and production test via USB, LAN, or optional GPIB. The 2260B3072 provides a single-output programmable DC power supply designed for 720 W operation with a 0 to 30 V, 0 to 72 A output envelope, sharing the 2260B family constant-power, slew-rate, and remote interface feature set for high-current bench and production test. High-current DC load and device testing at low voltage; battery pack and supercapacitor charge/discharge profiling; automotive and power-electronics component characterization; LED and semiconductor testing with CC-priority behavior; remote bench and production test via USB, LAN, or optional GPIB.



MODEL

Keithley 2260B-30-72

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

2260B-30-72

LISTING

<https://aumictechlabs.com/products/2260b-30-72-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Keithley 2260B-30-72 is a 720W programmable DC power supply engineered for precision testing applications demanding stable, controlled power delivery. Operating from 0V to 30V and 0A to 72A, it combines constant power output flexibility with advanced load protection through programmable slew rates, making it ideal for sensitive device characterization in automated test systems, LED validation, and automotive electronics testing.

Technical Specifications

Output Characteristics: Maximum output voltage: 30V Maximum output current: 72A Maximum output power: 720W Output voltage range: 0V to 30V Output current range: 0A to 72A Voltage slew rate: 0.1V/s to 160V/s Current slew rate: 0.01A/s to 144A/s Transient response: 1ms for load changes Load regulation (CV): 0.05% of setting + 5mV Line regulation (CV): 0.05% of setting + 3mV Load regulation (CC): 0.1% of setting + 5mA Line regulation (CC): 0.1% of setting + 5mA Temperature coefficient: 200 ppm/°C after 30-minute warmup Voltage accuracy: $\pm 0.5\%$ of rated output Current accuracy: $\pm 1\%$ of rated output

Key Features

- Programmable rise and fall times protect low-impedance loads from inrush transients
- Constant current priority mode reduces voltage and current overshoot for LED testing
- Programmable internal resistance simulates battery characteristics
- Fast discharge capability rapidly de-energizes output
- Overvoltage protection: 3V to 33V range, $\pm 2\%$ accuracy
- Overcurrent protection: 5A to 79.2A range, $\pm 2\%$ accuracy
- Overtemperature and AC-FAIL protection with automatic output shutdown
- Remote sense compensation up to 0.6V
- Analog control via external voltage and resistance input

Typical Applications

Automated test systems, environmental chamber testing, LED characterization, automotive electronics validation, and transient load simulation requiring controlled voltage/current slew rates.

Compatibility & Integration

USB and LAN interfaces standard. GPIB optional. Dimensions: 142.5mm W × 124mm H × 350mm D.

Features & description

From manufacturer datasheet

Features

- Single output, 720 W: 0 to 30 V, 0 to 72 A
- Constant-power output envelope
- Programmable current slew 0.1 to 144 A/s class
- Programmable internal resistance 0 to 0.417 Ω
- CC priority mode for LED testing (2260B family)
- USB, LAN, and analog control interfaces; optional GPIB
- Series and parallel master-slave operation (2260B family)

2260B30 Characteristics / Specifications

PARAMETER	VALUE
Model	2260B-30-72 (2260B3072)
Manufacturer	Keithley (Tektronix)
Instrument Type	Programmable DC Power Supply
Output Configuration	Single output
Maximum Power	720 W
Voltage Range	0 to 30 V
Current Range	0 to 72 A
Power Mode	Constant-power envelope
Current Slew Rate	0.1 to 144 A/s (programmable class)
Programmable Internal Resistance	0 to 0.417 Ω
Remote Interfaces	USB, LAN, analog; optional GPIB
Alias	2260B3072 Standard Operating Conditions Operate within the 30 V / 72 A / 720 W envelope and use adequately rated cabling and connectors for sustained high-current output. Configure current slew and internal resistance to match DUT and wiring inductance. Verify ventilation clearance for continuous high-power operation.
Single output, 720 W	0 to 30 V, 0 to 72 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-30-72 (2260B3072)
Manufacturer	Keithley (Tektronix)
Instrument Type	Programmable DC Power Supply
Output Configuration	Single output
Maximum Power	720 W
Voltage Range	0 to 30 V
Current Range	0 to 72 A
Power Mode	Constant-power envelope
Current Slew Rate	0.1 to 144 A/s (programmable class)
Programmable Internal Resistance	0 to 0.417 Ω
Remote Interfaces	USB, LAN, analog; optional GPIB

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

Alias: 2260B3072

Standard Operating Conditions

Operate within the 30 V / 72 A / 720 W envelope and use adequately rated cabling and connectors for sustained high-current output. Configure current slew and internal resistance to match DUT and wiring inductance. Verify ventilation clearance for continuous high-power operation.

Operational Notes

High-current 2260B-30-72 configurations require attention to sense lead placement and contact resistance—confirm faceplate suffix before quoting current capability. Do not confuse with other 2260B voltage/current variants. Alias 2260B3072.

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.