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Data Sheet
August 13, 2026

KEITHLEY

Keithley 2268-60-14 850W DC Power Supply: 60V: 14A

Key Features - Full 850 W rectangle: 14 A available at any voltage to 60 V - Isolated analog programming for noisy long control lines - Auto-sequence of downloaded command lists - Hardware output interlock and loop shutdown of grouped supplies - Auxiliary 5 V and 15 V at 0.5 A recommended each - Front-to-back airflow so no extraUof rack is required for cooling Technical Specifications Model: 2268-60-14 Manufacturer: Keithley / Tektronix Instrument Type: High density 850 W programmable DC power supply Alias: 22686014; 2268-60-14 Maximum output voltage: 60 V Maximum output current: 14 A Maximum output power: 850 W Line regulation voltage: 5 mV (0.005% of rated + 2 mV class) Line regulation current: 2.4 mA (0.01% of rated + 1 mA class) Load regulation voltage: 5 mV (0.005% of rated + 2 mV class) Load regulation current: 6.8 mA (0.

MODEL Keithley 2268-60-14	CALIBRATION Available on request
CONDITION Used	STATUS In stock
RFQ / SKU 2268-60-14	LISTING https://aumictechlabs.com/products/2268-60-14-2/

NIST-traceable cal · SAM registered · 30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Keithley 2268-60-14 is an 850 W programmable DC power supply engineered for research, development, and manufacturing environments requiring precise voltage and current control. It delivers up to 60 V and 14 A, housed in a compact 1U, half-rack width enclosure designed for

efficient rack integration with front-to-back ventilation and side-by-side mounting capability. Technical Specifications Output Power: 850 W maximum Output Voltage: 60 V maximum Output Current: 14 A maximum Output Modes: Constant Voltage (CV), Constant Current (CC), Constant Power (CP) Auxiliary Outputs: Two isolated outputs at 15 V and 5 V for external device control and signaling AC Input: 85 Vac to 265 Vac, single-phase, 47 Hz Operating Temperature: Up to 50°C ambient Enclosure: 1U height, half-rack width; 44 mm (H) × 214 mm (W) × 495 mm (D); 5 kg Key Features Programmable Control: Auto-sequence programming mode executes stored command lists internally, reducing test duration by minimizing bus communication overhead Multi-Unit Scaling: Supports master/slave configuration for up to 30 Series 2268 supplies through a single controller; series operation available for up to two units with external diodes Analog Control: Isolated and non-isolated analog inputs accept voltage or resistance signals for remote setpoint control; isolated inputs mitigate noise in electrically hostile environments Protection Architecture: Over-voltage, under-voltage, over-current, and over-temperature protection with programmable thresholds; hardware output interlock for external shutdown; foldback mode with adjustable delay prevents load-induced CV/CC switching shutdowns Group Control: Loop protection enables coordinated shutdown of up to four supplies in multi-unit configurations Interfaces & Integration Digital Interfaces: LAN, USB, GPIB, RS-232, RS-485 standard Analog Interface: Isolated and non-isolated control input support

Features & description

From manufacturer datasheet

Features

- Full 850 W rectangle: 14 A available at any voltage to 60 V

226860 Characteristics / Specifications

PARAMETER	VALUE
Model	2268-60-14
Manufacturer	Keithley / Tektronix
Instrument Type	High density 850 W programmable DC power supply
Alias	22686014; 2268-60-14
Maximum output voltage	60 V
Maximum output current	14 A
Maximum output power	850 W
Line regulation voltage	5 mV (0.005% of rated + 2 mV class)
Line regulation current	2.4 mA (0.01% of rated + 1 mA class)
Load regulation voltage	5 mV (0.005% of rated + 2 mV class)
Load regulation current	6.8 mA (0.02% of rated + 4 mA class)
Output noise voltage RMS	8 mV (300 kHz)
Output noise current RMS	35 mA
Output ripple voltage peak to peak	50 mV (20 MHz)
Remote sense compensation	3 V per line maximum recommended
Overvoltage trip range	3 V to 66 V
Overvoltage trip accuracy	±0.66 V
Overvoltage programming resolution	8 mV
Overcurrent setpoint	0% to 105% of rated current
Analog voltage programming accuracy	±60 mV
Analog current programming accuracy	±28 mA
Analog power programming accuracy	±2.52 W
Voltage readback accuracy analog	±60 mV
Current readback accuracy analog	±28 mA
Voltage programming resolution	7.2 mV

PARAMETER	VALUE
Current programming resolution	1.68 mA
Meter accuracy	0.5% of output ±1 count
Auxiliary outputs	+5 V and +15 V, 0.5 A recommended each
Isolation output to chassis	500 VAC
AC input	85 to 265 VAC continuous single phase, 47 Hz to 63 Hz
Power factor	0.99 at 100/200 VAC rated output
Efficiency	83%/87% at 100/200 VAC (all models except 2268-20-42)
Interfaces	LAN 100BASE-T; USB 2.0; GPIB IEEE-488.2; RS-232; RS-485 (57.6 kbps class)
Operating temperature	0 C to 50 C at 100% load
Form	1U half-rack; front-to-back cooling
Multi unit	up to 2 in series or 4 in parallel; up to 30 on RS-485 Notes Specs from Keithley Series 2268 850 W DC power supplies data sheet. Confirm 2268-60-14 versus 2268-40-21, 2268-80-10, and other voltage/current siblings. Terminal-block output (not the bar terminals of 20 V/40 V models).
Full 850 W rectangle	14 A available at any voltage to 60 V

General Specifications & Supplementary Characteristics

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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.

environmental test racks needing 60 V / 14 A in 1U; process-control analog-programmed sources; multi-supply series (two) or parallel (up to four) expansions; fixture/handler drive from auxiliary 5 V/15 V rails.

Key Features

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- Isolated analog programming for noisy long control lines
- Auto-sequence of downloaded command lists
- Hardware output interlock and loop shutdown of grouped supplies
- Auxiliary 5 V and 15 V at 0.5 A recommended each
- Front-to-back airflow so no extraUof rack is required for cooling

Technical Specifications

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Specifications

PARAMETER	VALUE
Operating temperature	0 C to 50 C at 100% load
Form	1U half-rack; front-to-back cooling
Multi unit	up to 2 in series or 4 in parallel; up to 30 on RS-485

Notes

Specs from Keithley Series 2268 850 W DC power supplies data sheet. Confirm 2268-60-14 versus 2268-40-21, 2268-80-10, and other voltage/current siblings. Terminal-block output (not the bar terminals of 20 V/40 V models).

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

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Generated August 13, 2026