

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 2, 2026

KEITHLEY

Keithley 2200-60-2 – Power Supply, 60 Volts, 2.5 Amps

Keithley 2200-60-2 – Power Supply, 60 Volts, 2.5 Amps The 2200602 provides a single-output programmable DC power supply designed for 0 to 60 V, 0 to 2.5 A operation (approximately 150 W) with low noise linear regulation, list-mode sequencing, and USB and GPIB remote control for automated bench and production test. Automated bench and rack DC power in ATE; device characterization and burn-in at moderate voltage and current levels; list-mode stepped sourcing; remote programming over USB-TMC or GPIB in LabVIEW/SCPI environments; general-purpose lab power for circuits requiring up to 60 V. The 2200602 provides a single-output programmable DC power supply designed for 0 to 60 V, 0 to 2.5 A operation (approximately 150 W) with low noise linear regulation, list-mode sequencing, and USB and GPIB remote control for automated bench and production test. Automated bench and rack DC power in ATE; device characterization and burn-in at moderate voltage and current levels; list-mode stepped sourcing; remote programming over USB-TMC or GPIB in LabVIEW/SCPI environments; general-purpose lab power for circuits requiring up to 60 V.



MODEL

Keithley 2200-60-2

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

2200-60-2

LISTING

<https://aumictechlabs.com/products/2200-60-2-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Keithley 2200-60-2 is a single-channel programmable DC power supply delivering up to 60V and 2.5A (150W total) for benchtop and integrated test environments. Its dual-line display shows programmed and actual outputs simultaneously, while voltage accuracy of 0.03% (setting) and 0.02% (readback) ensures precise load conditioning. The unit operates in constant voltage or constant current mode with load regulation better than 0.01% + 2mV, ripple under 5mVp-p, and 1mV/0.1mA resolution. The 2200-60-2 excels in research, design, development, and production test applications. Remote sensing compensates for lead drops, protecting against overvoltage with programmable limits. List mode creates repeatable sequences up to 80 steps; 40 memory locations store test setups. A timer function automatically disables output after a user-defined interval. Front-panel lockout with password protection prevents accidental parameter changes.

Technical Specifications

Output Range: 0–60V, 0–2.5A, 150W maximum

Voltage Accuracy (Setting): 0.03%; (Readback): 0.02%

Current Accuracy (Setting): 0.05%; (Readback): 0.05%

Resolution: 1mV voltage, 0.1mA current

Load Regulation: <0.01% + 2mV (voltage); <0.05% + 0.5mA (current)

Line Regulation: <0.01% + 2mV (voltage); <0.05% + 0.05mA (current)

Ripple and Noise: <5mVp-p

Output Mode: Constant Voltage/Constant Current

Display: Vacuum fluorescent, dual-line readout

Dimensions: 242 × 106 × 384 mm; 7.0 kg

Key Features

- Remote sensing for load voltage compensation
- List mode: up to 80-step programmable sequences
- 40 memory locations for setup recall
- Over Voltage Protection (OVP) and programmable current limiting
- Front and rear output connectors
- Output timer with automatic shutoff
- Multifunction TTL input (trigger/control) and TTL status output

Compatibility & Integration

GPIB (IEEE-488.2) and USB (TMC-compliant) interfaces

Standard drivers included for automated test systems

Operating range: 0°C to +40°C; 5–95% RH

Features & description

From manufacturer datasheet

Features

- Single-output programmable DC supply: 0 to 60 V, 0 to 2.5 A
- Approximately 150 W output power class
- Linear regulation with low ripple and noise
- USB 2.0 device port (USBTMC/SCPI)
- GPIB IEEE-488.2 remote interface
- List mode for stepped voltage and current profiles
- Remote sense for accurate load regulation
- Overvoltage protection

220060 Characteristics / Specifications

PARAMETER	VALUE
Model	2200-60-2 (2200602)
Manufacturer	Keithley (Tektronix)
Instrument Type	Programmable DC Power Supply
Output Configuration	Single output
Voltage Range	0 to 60 V
Current Range	0 to 2.5 A
Maximum Power	Approximately 150 W
Regulation	Linear, low noise
Remote Interfaces	USB 2.0 (USBTMC/SCPI); GPIB IEEE-488.2
List Mode	Supported (series capability)
Remote Sense	Supported
Overvoltage Protection	Supported
Related Series	Keithley 2200 family
Alias	2200602 / 2200-60-2 Standard Operating Conditions Configure line input voltage setting per rear panel selection. Only one remote interface (USB or GPIB) controls the unit at a time. Use remote sense for accurate regulation at the load.
Single-output programmable DC supply	0 to 60 V, 0 to 2.5 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	2200-60-2 (2200602)
Manufacturer	Keithley (Tektronix)
Instrument Type	Programmable DC Power Supply
Output Configuration	Single output
Voltage Range	0 to 60 V
Current Range	0 to 2.5 A
Maximum Power	Approximately 150 W
Regulation	Linear, low noise
Remote Interfaces	USB 2.0 (USBTMC/SCPI); GPIB IEEE-488.2
List Mode	Supported (series capability)
Remote Sense	Supported
Overvoltage Protection	Supported
Related Series	Keithley 2200 family
Alias	2200602 / 2200-60-2

Standard Operating Conditions

Configure line input voltage setting per rear panel selection. Only one remote interface (USB or GPIB) controls the unit at a time. Use remote sense for accurate regulation at the load.

Operational Notes

Confirm model suffix 2200-60-2 for 60 V / 2.5 A rating—other 2200 series models differ in voltage and current capability. Default GPIB address is 22 (factory). Alias 2200602 / 2200-60-2.

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

788 S 500 E, Pleasant Grove, UT 84062
sales@aumictech.com · +1 (484) 841-9341
<https://aumictechlabs.com>

NIST-traceable calibration · SAM registered ·
30-day returns
NAICS 423690 · 811210 · 541380
Generated August 2, 2026

Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.