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Data Sheet

August 2, 2026

KEITHLEY

Keithley Series 2200 USB/GPIB DC Power Supplies

Keithley Series 2200 USB/GPIB DC Power Supplies The Keithley Series 2200 (Series2200 / 2200) programmable DC power supplies are single-output linear-regulated instruments with USB and GPIB remote interfaces for automated test. Verified single-channel models include 2200-20-5 (20 V, 5 A), 2200-30-5 (30 V, 5 A), 2200-32-3 (32 V, 3 A), 2200-60-2 (60 V, 2.5 A), and 2200-72-1 (72 V, 1.2 A). Family specifications include 0.03% basic voltage accuracy, 0.05% basic current accuracy, and less than 1 mVrms ripple and noise. The series also includes multi-channel 2220 and 2230 models (USB standard; GPIB on G-suffix variants). The Keithley Series 2200 (Series2200 / 2200) programmable DC power supplies are single-output linear-regulated instruments with USB and GPIB remote interfaces for automated test. Verified single-channel models include 2200-20-5 (20 V, 5 A), 2200-30-5 (30 V, 5 A), 2200-32-3 (32 V, 3 A), 2200-60-2 (60 V, 2.5 A), and 2200-72-1 (72 V, 1.2 A). Family specifications include 0.03% basic voltage accuracy, 0.05% basic current accuracy, and less than 1 mVrms ripple and noise. The series also includes multi-channel 2220 and 2230 models (USB standard; GPIB on G-suffix variants). Automated bench and rack DC power in ATE; device characterization and burn-in; list-mode stepped sourcing; remote programming over USB-TMC or GPIB in LabVIEW/SCPI environments.



MODEL

Keithley Series 2200

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

Series 2200

LISTING

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

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Keithley Series 2200 is a single-channel programmable DC power supply engineered for automated test environments requiring precise voltage and current delivery. Each unit integrates USB and GPIB interfaces for seamless control in mixed-protocol test systems. The Series 2200 delivers stable DC power across multiple voltage and current configurations, supporting both constant voltage and constant current operation modes.

Technical Specifications

Output voltage ranges span 0–20 V, 0–30 V, 0–32 V, 0–60 V, and 0–72 V depending on model selection. Current outputs vary by configuration, with examples including 0–2.5 A and 0–5 A ratings. Maximum power output ranges from 86 W to 150 W across the series. Voltage output accuracy is $\pm 0.03\%$ with a 1 mV setting resolution. Current output accuracy reaches $\pm 0.05\%$. Readback accuracy is $\pm 0.02\%$ for voltage and $\pm 0.05\%$ for current, with current measurement resolution of 0.1 mA. Voltage ripple and noise measure < 5 mVp-p, < 1 mV RMS, and < 3 mV peak-to-peak. Load regulation holds $< 0.01\% + 2$ mV for voltage and $< 0.05\% + 0.1$ mA for current. Line regulation maintains $< 0.01\% + 1$ mV (voltage) and $< 0.05\% + 0.1$ mA (current). Response time for setting changes is 35 ms rising and 35 ms falling. Input accepts selectable 110 VAC (99–132 VRMS) or 220 VAC (198–264 VRMS) at 50/60 Hz. Power consumption ranges from 250 VA to 350 VA depending on model.

Key Features

- Dual-line VFD display showing programmed and actual values simultaneously
- USB Type B connector with USB-TMC compatibility
- IEEE-488.2 compliant GPIB interface
- Compact footprint: 242 mm W $\times$ 106 mm H $\times$ 384 mm D
- Operates 0°C to +40°C; stores –20°C to +70°C
- Rated to 2,000 m operating altitude and 4,000 m storage altitude

Typical Applications

R&D prototyping, production test automation, device characterization, and laboratory power sourcing benefit from the unit's high accuracy and dual-interface architecture.

Compatibility & Integration

USB-TMC and IEEE-488.2 compliance enable integration with modern automated test equipment. Select 110 or 220 VAC input voltage for global deployment.

Features & description

From manufacturer datasheet

Features

- Programmable single-output DC supplies (Series 2200)
- Linear regulation; low ripple and noise (< 1 mVrms)
- 0.03% basic voltage accuracy; 0.05% basic current accuracy
- 40 user-defined setup memories
- USB 2.0 device port (USBTMC/SCPI)
- GPIB IEEE-488.2 (on listed 2200-xx-x models)
- List mode: up to 7 lists, 80 steps each
- Remote sense; overvoltage protection
- Vacuum fluorescent display

SERIES2200 Characteristics / Specifications

PARAMETER	VALUE
Model	Series 2200 (2200)
Manufacturer	Keithley (Tektronix/Keithley)
Instrument Type	Programmable DC power supply
Regulation	linear
Voltage Accuracy	0.03% basic
Current Accuracy	0.05% basic
Ripple/Noise	< 1 mVrms
Memory	40 setup memories
List Mode	up to 7 lists, 80 steps each
Communications	USB 2.0 Type B (USBTMC); GPIB IEEE-488.2 (model dependent)
Related Family	2220 / 2230 multi-channel supplies (USB; GPIB onGmodels)
Display	vacuum fluorescent
Remote Sense	supported Standard Operating Conditions Line input 110 V or 220 V setting per rear configuration. Only one remote interface (USB or GPIB) controls the unit at a time. Use remote sense for accurate regulation at the load. Operational Notes

SERIES2200 Specifications

PARAMETER	VALUE
Keithley Series 2200 USB/GPIB DC Power Supplies	Overview
Key Features	- Programmable single-output DC supplies (Series 2200)
Technical Specifications	Model: Series 2200 (2200)

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 include 0.03% basic voltage accuracy, 0.05% basic current accuracy, and less than 1 mVrms ripple and noise. The series also includes multi-channel 2220 and 2230 models (USB standard; GPIB on G-suffix variants).

Applications
Automated bench and rack DC power in ATE; device characterization and burn-in; list-mode stepped sourcing; remote programming over USB-TMC or GPIB in LabVIEW/SCPI environments.

- Key Features
- Programmable single-output DC supplies (Series 2200)
 - Linear regulation; low ripple and noise (< 1 mVrms)
 - 0.03% basic voltage accuracy; 0.05% basic current accuracy
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Verified Single-Channel Models: 2200-20-5 (20 V/5 A); 2200-30-5 (30 V/5 A); 2200-32-3 (32 V/3 A); 2200-60-2 (60 V/2.5 A); 2200-72-1 (72 V/1.2 A)

Specifications

PARAMETER	VALUE
Related Family	2220 / 2230 multi-channel supplies (USB; GPIB onGmodels)
Display	vacuum fluorescent
Remote Sense	supported

Standard Operating Conditions

Line input 110 V or 220 V setting per rear configuration. 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 exact model suffix for voltage/current rating and GPIB presence. Multi-channel needs may require 2220-30-1 or 2230-30-1 class instead of single-output 2200. Default GPIB address is 22 (factory). Refer to Keithley 2200 reference manual for full programming and OVP ranges per model.

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.