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Data Sheet

August 13, 2026

KEITHLEY

Keithley Series 2200G USB/GPIB DC Power Supplies

Keithley 2220G / 2230G (Series 2200 G) Multi Channel Programmable DC Power Supplies with GPIB 2200G onalisting is the GPIB-equipped Series 2200 multi-channel family: 2220G-30-1 (two 30 V / 1.5 A channels, 90 W) and 2230G-30-1 (two 30 V / 1.5 A channels plus one 6 V / 5 A channel, 120 W). USB is standard on all 2220/2230 models; theGsufffix adds IEEE-488. Isolated channels, remote sense, 1 mV / 1 mA resolution on the 30 V rails, and linear regulation distinguish these from single-output Series 2200-xx-x supplies. 2200G onalisting is the GPIB-equipped Series 2200 multi-channel family: 2220G-30-1 (two 30 V / 1.5 A channels, 90 W) and 2230G-30-1 (two 30 V / 1.5 A channels plus one 6 V / 5 A channel, 120 W). USB is standard on all 2220/2230 models; theGsufffix adds IEEE-488. Isolated channels, remote sense, 1 mV / 1 mA resolution on the 30 V rails, and linear regulation distinguish these from single-output Series 2200-xx-x supplies. Multi-rail board power with GPIB ATE; isolated analog and digital rails; series/parallel 30 V channel combining; Japan-line 100 VAC J/GJ variants; USB-only work whenanon-G 2220/2230 is fitted instead.



MODEL

Keithley 2200G

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

2200G

LISTING

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

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Keithley Series 2200G Programmable DC Power Supplies deliver precise voltage and current outputs across five models, each equipped with USB and GPIB interfaces for remote operation and automated test integration. These units combine high-accuracy DC sourcing with flexible control capabilities, making them ideal for device characterization, system validation, and parametric testing in lab and production environments.

Technical Specifications

Output Ratings
Voltage: 0–20 V, 0–30 V, 0–32 V, 0–60 V, or 0–72 V depending on model
Current: 0–5 A (20 V, 30 V models), 0–3 A (32 V), 0–2 A (60 V), 0–1 A (72 V)
Maximum Power: 86 W to 150 W; input consumption 250 VA to 350 VA

Voltage Performance
Load Regulation: $<0.01\% + 2 \text{ mV}$
Line Regulation: $<0.01\% + 1\text{--}2 \text{ mV}$
Ripple and Noise (20 Hz–7 MHz): $<1 \text{ mVRMS}$ or $3\text{--}5 \text{ mVPP}$

Setting Accuracy: 0.03%; **Setting Resolution:** 1 mV
Readback Accuracy: 0.02%

Current Performance
Load Regulation: $<0.05\% + 0.1\text{--}0.15 \text{ mA}$
Line Regulation: $<0.05\% + 1 \text{ mA}$
Setting Accuracy: 0.05%;
Setting Resolution: 0.1 mA
Readback Accuracy: 0.05%

Transient Response: $<35 \text{ ms}$ for rising and falling excursions to within 75 mV of terminal value with 1 A load

Key Features
Programmable Overvoltage Protection (OVP) with automatic output shutdown below 1 V
Floating voltage rating up to 100 V DC + peak AC relative to protective earth
Vacuum fluorescent display showing programmed and actual values
40 setup memories for configuration storage
List Mode: up to seven lists with 80 steps each; steps define voltage, current, and duration
Remote Sense compensation for lead-drop voltage correction
Two Digital I/O lines for external event synchronization

Typical Applications
Component and module characterization, power supply validation, device burn-in testing, and automated test systems requiring precise DC sourcing with real-time monitoring.

Compatibility & Integration
USB and GPIB interfaces enable direct integration into automated test environments. Remote Sense, Digital I/O, and List Mode support complex test sequences and synchronized external control.

Features & description

From manufacturer datasheet

Features

- GPIB plus USB (G models); USB only on non-G

2200G Characteristics / Specifications

PARAMETER	VALUE
Model	2220G-30-1 / 2230G-30-1 (family: 2200G)
Manufacturer	Keithley / Tektronix
Instrument Type	Multi channel programmable DC power supply with GPIB
Alias	2200G; 2220G-30-1; 2230G-30-1
Dual output channel one	0 to 30 V, 0 to 1.5 A, 45 W
Dual output channel two	0 to 30 V, 0 to 1.5 A, 45 W
Dual output total power	90 W
Triple output channel one	0 to 30 V, 0 to 1.5 A, 45 W
Triple output channel two	0 to 30 V, 0 to 1.5 A, 45 W
Triple output channel three	0 to 6 V, 0 to 5 A, 30 W
Triple output total power	120 W
Voltage setting resolution	1 mV
Current setting resolution	1 mA (30 V channels)
Voltage reading resolution	1 mV
Current reading resolution	1 mA
Basic voltage accuracy	0.03% class with remote sense
Basic current accuracy	0.1% class
Ripple	less than 3 mV peak to peak (family linear regulation)
Remote sense	per channel
Interfaces	USB plus GPIB (G suffix)
AC input non J	switchable 120 VAC or 240 VAC nominal
AC inputJversions	100 VAC nominal
Line frequency	50/60 Hz
Power consumption dual	350 VA
Power consumption triple	450 VA

PARAMETER	VALUE
Related USB only	2220-30-1 and 2230-30-1 (no GPIB)
Japan GPIB	2220GJ-30-1 and 2230GJ-30-1
Not this family	single-output 2200-20-5 / 2200-30-5
Form	compact dual or triple output chassis Notes Specs from Keithley 2220/2230/2220G/2230G multi-channel data sheet. Read the faceplate: 2220G is dual 90 W; 2230G is triple 120 W with a 6 V / 5 A rail. G means GPIB is present.

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	
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Triple output channel three	0 to 6 V, 0 to 5 A, 30 W
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Specifications	
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Specifications

PARAMETER	VALUE
Basic voltage accuracy	0.03% class with remote sense
Basic current accuracy	0.1% class
Ripple	less than 3 mV peak to peak (family linear regulation)

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PARAMETER	VALUE
Remote sense	per channel
Interfaces	USB plus GPIB (G suffix)
AC input non J	switchable 120 VAC or 240 VAC nominal

Specifications

PARAMETER	VALUE
AC inputJversions	100 VAC nominal
Line frequency	50/60 Hz
Power consumption dual	350 VA

Specifications

PARAMETER	VALUE
Power consumption triple	450 VA
Related USB only	2220-30-1 and 2230-30-1 (no GPIB)
Japan GPIB	2220GJ-30-1 and 2230GJ-30-1

Not this family: single-output 2200-20-5 / 2200-30-5

Form: compact dual or triple output chassis

Notes

Specs from Keithley 2220/2230/2220G/2230G multi-channel data sheet. Read the faceplate: 2220G is dual 90 W; 2230G is triple 120 W with a 6 V / 5 A rail. G means GPIB is present.

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
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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.