

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 13, 2026

KEITHLEY

Keithley 2230-30-3 "195W DC Power Supply

Applications Automotive and LED driver multi-rail power Isolated digital/analog rails under 195 W Wide-bandgap module bias at 30 V class Bench and ATE linear DC Key Features Rectangular 30 V at 3 A on CH1 and CH2 (full current at full voltage) Tracking and series/parallel combination modes 36 setup memories Password front-panel lock and per-channel voltage limits Rear and front outputs; no 2230G-HRM required for this 195 W model Technical Specifications Model: 2230-30-3 Manufacturer: Keithley Instruments (Tektronix) Instrument Type: Triple channel programmable linear DC power supply Alias: 2230-30-3; 2230303 Channel 1 Voltage: 0 to 30 V Channel 1 Current: 0 to 3 A Channel 2 Voltage: 0 to 30 V Channel 2 Current: 0 to 3 A Channel 3 Voltage: 0 to 5 V Channel 3 Current: 0 to 3 A Maximum Power: 195 W Voltage Limit CH1 CH2: 30.



MODEL

Keithley 2230-30-3

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

2230-30-3

LISTING

<https://aumictechlabs.com/products/2230-30-3-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Keithley 2230-30-3 is a 195 W triple-output programmable DC power supply engineered for multi-channel test and measurement applications. Three independent, electrically isolated output channels deliver flexible power distribution to circuits requiring different reference points or polarities. Linear regulation maintains output noise below 1 mV rms, protecting sensitive devices under test from ripple interference. Technical Specifications Output Configuration Two channels:

0 to 30 V DC, 0 to 3 A each One channel: 0 to 5 V DC, 0 to 3 A Voltage resolution: 1 mV Current resolution: 1 mA Voltage accuracy: 0.03% basic Current accuracy: 0.1% basic Output ripple and noise: <1 mV rms Overvoltage protection (OVP): Enabled on all channels Key Features Channel Flexibility All three channels operate independently with isolated outputs, eliminating cross-channel interaction. Series the two 30 V channels to reach 60 V. Parallel multiple channels to increase current capacity beyond 3 A per-channel limits. Remote sensing on all outputs compensates for voltage drops across test leads, delivering programmed voltage directly to the load. Control & Programmability Front-panel numerical keypad enables direct value entry. Up to 30 setup memory locations store frequently used configurations. Per-channel output timer provides automated control. Simultaneous display of voltage and current across all three channels. Each channel switches on and off independently without affecting others. Interfaces USB 2.0 (USBTMC-compatible) and RS-232 standard on all units. GPIB available on "G" model variants. Rear-panel output via 15-pin terminal block socket; RS-232 via DB-9; USB Type A to B connector. Software Integration LabView and IVI drivers support semi-automated and fully automated test systems. KickStart software available for interactive instrument control and data logging. Typical Applications Multi-rail circuit development, isolated power subsystem testing, automated test sequences with mixed voltage and current requirements, device characterization under variable load conditions. Compatibility & Integration Standard USB and RS-232 interfaces integrate into existing lab environments. Optional GPIB enables integration into legacy GPIB-based automated test systems. Isolated outputs support circuits with floating or multiple ground references without external isolation modules.

223030 Characteristics / Specifications

PARAMETER	VALUE
Model	2230-30-3
Manufacturer	Keithley Instruments (Tektronix)
Instrument Type	Triple channel programmable linear DC power supply
Alias	2230-30-3; 2230303
Channel 1 Voltage	0 to 30 V
Channel 1 Current	0 to 3 A
Channel 2 Voltage	0 to 30 V
Channel 2 Current	0 to 3 A
Channel 3 Voltage	0 to 5 V
Channel 3 Current	0 to 3 A
Maximum Power	195 W
Voltage Limit CH1 CH	30.1 V
Voltage Limit CH	5.1 V
Load Regulation Voltage	less than or equal to 0.01 percent plus 3 mV
Load Regulation Current	less than or equal to 0.01 percent plus 3 mA
Line Regulation Voltage	less than or equal to 0.01 percent plus 3 mV
Line Regulation Current	less than or equal to 0.01 percent plus 3 mA
Ripple Voltage RMS	1 mVRMS (20 Hz to 20 MHz)
Ripple Voltage PP CH1 CH	3 mVPP
Ripple Current RMS CH1 CH	4 mA
Setting Accuracy Voltage	less than or equal to 0.03 percent plus 10 mV (remote sense, 23 C plus/minus 5 C)
Setting Accuracy Current	less than or equal to 0.1 percent plus 5 mA
Voltage Resolution	1 mV
Current Resolution	1 mA
Readback Accuracy Voltage	less than or equal to 0.03 percent plus 10 mV

PARAMETER	VALUE
Readback Accuracy Current	less than or equal to 0.1 percent plus 5 mA
Remote Sense	each channel
Remote Interfaces	USB 2.0 USBTMC; RS-232
Series CH1 CH	up to 60 V at 3 A
Floating Voltage Rating	up to 400 V DC plus peak AC any terminal to earth
AC Power Consumption	700 VA
AC Input 110 Setting	99 to 132 VRMS
AC Input 220 Setting	198 to 264 VRMS
Operating Temperature	0 to 40 C
Form Factor	2U half rack
Setup Memories	36
Net Weight	9.6 kg (21 lb)
Shipping Weight	12.3 kg (27 lb)
Related 375 W 30 V 6 A	2230-30-6
Related 375 W 60 V 3 A	2230-60-3

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	0 to 40 C
Operating Temperature	0 to 40 C
Form Factor	2U half rack
Setup Memories	36
Net Weight	9.6 kg (21 lb)
Shipping Weight	12.3 kg (27 lb)
Related 375 W 30 V 6 A	2230-30-6
Related 375 W 60 V 3 A	2230-60-3 Notes Specs from Keithley/Tektronix 2230-30-3 / 2230-30-6 / 2230-60-3 datasheet and SPEC-2230. Confirm 2230-30-3 (195 W, two 30 V / 3 A plus 5 V / 3 A) versus 2230-30-6 (375 W). 2230G-HRM is for the 375 W models in EU harmonic compliance.

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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PARAMETER	VALUE
Model	2230-30-3
Manufacturer	Keithley Instruments (Tektronix)
Instrument Type	Triple channel programmable linear DC power supply
Alias	2230-30-3; 2230303
Channel 1 Voltage	0 to 30 V
Channel 1 Current	0 to 3 A
Channel 2 Voltage	0 to 30 V
Channel 2 Current	0 to 3 A
Channel 3 Voltage	0 to 5 V
Channel 3 Current	0 to 3 A
Maximum Power	195 W
Voltage Limit CH1 CH2	30.1 V
Voltage Limit CH3	5.1 V
Load Regulation Voltage	less than or equal to 0.01 percent plus 3 mV
Load Regulation Current	less than or equal to 0.01 percent plus 3 mA
Line Regulation Voltage	less than or equal to 0.01 percent plus 3 mV
Line Regulation Current	less than or equal to 0.01 percent plus 3 mA
Ripple Voltage RMS	1 mVRMS (20 Hz to 20 MHz)
Ripple Voltage PP CH1 CH2	3 mVPP
Ripple Current RMS CH1 CH2	4 mA
Setting Accuracy Voltage	less than or equal to 0.03 percent plus 10 mV (remote sense, 23 C plus/minus 5 C)
Setting Accuracy Current	less than or equal to 0.1 percent plus 5 mA
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Readback Accuracy Voltage	less than or equal to 0.03 percent plus 10 mV

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Net Weight	9.6 kg (21 lb)
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Related 375 W 30 V 6 A	2230-30-6
Related 375 W 60 V 3 A	2230-60-3

Notes

Specs from Keithley/Tektronix 2230-30-3 / 2230-30-6 / 2230-60-3 datasheet and SPEC-2230. Confirm 2230-30-3 (195 W, two 30 V / 3 A plus 5 V / 3 A) versus 2230-30-6 (375 W). 2230G-HRM is for the 375 W models in EU harmonic compliance.

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>

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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.