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Data Sheet

August 13, 2026

KEITHLEY

Keithley 2230-60-3 375W DC Power Supply

Applications 60 V analog and telecom rails Bipolar tracking of CH1/CH2 LED and power-IC characterization 375 W linear ATE DC Key Features Full 3 A at 60 V (rectangular envelope) Isolated channels for optically isolated DUTs Tracking mode for bipolar circuits 36 setup memories Front and rear outputs Technical Specifications Model: 2230-60-3 Manufacturer: Keithley Instruments (Tektronix) Instrument Type: Triple channel programmable linear DC power supply Alias: 2230-60-3; 2230603 Channel 1 Voltage: 0 to 60 V Channel 1 Current: 0 to 3 A Channel 2 Voltage: 0 to 60 V Channel 2 Current: 0 to 3 A Channel 3 Voltage: 0 to 5 V Channel 3 Current: 0 to 3 A Maximum Power: 375 W Voltage Limit CH1 CH2: 60.1 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.



MODEL

Keithley 2230-60-3

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

2230-60-3

LISTING

<https://aumictechlabs.com/products/2230-60-3-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Keithley 2230-60-3 is a 375 W, three-channel programmable DC power supply engineered for multi-voltage testing and complex circuit characterization. Three independent, isolated output channels enable simultaneous measurement and control of diverse load configurations. Linear regulation delivers sub-1 mV rms noise, critical for sensitive device testing. The 2U half-rack form factor supports benchtop or rack-mounted deployment without sacrificing output capability or

measurement resolution. Technical Specifications Electrical Output Three independent channels: two at 60 V / 3 A each, one at 5 V / 3 A Output voltage resolution: 1 mV Output current resolution: 1 mA Voltage accuracy: 0.03% of reading Current accuracy: 0.1% of reading Ripple and noise: <1 mV rms Remote sensing on all channels compensates for lead-drop voltage errors Physical & Electrical Dimensions: 481 mm × 225 mm × 104 mm (18.94 in × 8.87 in × 4.10 in) Weight: 11.1 kg (24 lb) Input: 110 V / 220 V selectable; 198–264 Vrms (240 V nominal) or 100–120 V (120 V nominal) Key Features Parallel and series channel combinations for increased current or voltage output Independent channel isolation and control with per-channel output timer 30 setup memory locations for test configuration storage VFD display shows voltage and current simultaneously across all channels Over-voltage protection (OVP) guards against DUT damage Numerical keypad for direct parameter entry Interfaces & Integration USB and RS-232 communication for test automation GPIB interface available on "G" model variants (e.g., 2230G) LabVIEW and IVI driver support for automated test systems Typical Applications Multi-voltage circuit validation, simultaneous device characterization, complex power bus simulation, and production test environments requiring compact, isolated output channels with low noise and high measurement precision.

223060 Characteristics / Specifications

PARAMETER	VALUE
Model	2230-60-3
Manufacturer	Keithley Instruments (Tektronix)
Instrument Type	Triple channel programmable linear DC power supply
Alias	2230-60-3; 2230603
Channel 1 Voltage	0 to 60 V
Channel 1 Current	0 to 3 A
Channel 2 Voltage	0 to 60 V
Channel 2 Current	0 to 3 A
Channel 3 Voltage	0 to 5 V
Channel 3 Current	0 to 3 A
Maximum Power	375 W
Voltage Limit CH1 CH	60.1 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	4 mA class
Voltage Accuracy Basic	0.03 percent
Voltage Resolution	1 mV
Current Accuracy Basic	0.1 percent
Current Resolution	1 mA
Remote Sense	each channel

PARAMETER	VALUE
Remote Interfaces	USB; RS-232
Series CH1 CH	up to 120 V class
AC Power Consumption	1000 VA
Operating Temperature	0 to 40 C
Form Factor	2U half rack
Setup Memories	36
Related 30 V 6 A	2230-30-6
Related 195 W	2230-30-3 Notes Specs from Keithley 2230-30-3 / 2230-30-6 / 2230-60-3 datasheet. Confirm 2230-60-3 (two 60 V / 3 A plus 5 V / 3 A) versus 2230-30-6. EU harmonic compliance uses 2230G-HRM.

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
Related 30 V 6 A	2230-30-6
Related 195 W	2230-30-3 Notes Specs from Keithley 2230-30-3 / 2230-30-6 / 2230-60-3 datasheet. Confirm 2230-60-3 (two 60 V / 3 A plus 5 V / 3 A) versus 2230-30-6. EU harmonic compliance uses 2230G-HRM.

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	2230-60-3
Manufacturer	Keithley Instruments (Tektronix)
Instrument Type	Triple channel programmable linear DC power supply
Specifications	
PARAMETER	VALUE
Alias	2230-60-3; 2230603
Channel 1 Voltage	0 to 60 V
Channel 1 Current	0 to 3 A
Specifications	
PARAMETER	VALUE
Channel 2 Voltage	0 to 60 V
Channel 2 Current	0 to 3 A
Channel 3 Voltage	0 to 5 V
Specifications	
PARAMETER	VALUE
Channel 3 Current	0 to 3 A
Maximum Power	375 W
Voltage Limit CH1 CH2	60.1 V
Specifications	
PARAMETER	VALUE
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

Specifications

PARAMETER	VALUE
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)

Specifications

PARAMETER	VALUE
Ripple Voltage PP CH1 CH2	3 mVPP
Ripple Current RMS	4 mA class
Voltage Accuracy Basic	0.03 percent

Specifications

PARAMETER	VALUE
Voltage Resolution	1 mV
Current Accuracy Basic	0.1 percent
Current Resolution	1 mA

Specifications

PARAMETER	VALUE
Remote Sense	each channel
Remote Interfaces	USB; RS-232
Series CH1 CH2	up to 120 V class

Specifications

PARAMETER	VALUE
AC Power Consumption	1000 VA
Operating Temperature	0 to 40 C
Form Factor	2U half rack

Specifications

PARAMETER	VALUE
Setup Memories	36
Related 30 V 6 A	2230-30-6
Related 195 W	2230-30-3

Notes

Specs from Keithley 2230-30-3 / 2230-30-6 / 2230-60-3 datasheet. Confirm 2230-60-3 (two 60 V / 3 A plus 5 V / 3 A) versus 2230-30-6. EU harmonic compliance uses 2230G-HRM.

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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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.