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Data Sheet

August 8, 2026

GOSSEN

Gossen Konstanter 23K2X25R1 DC Power Supply 2 X 25V 1A

Gossen Konstanter 23K2X25R1 DC Power Supply 2 X 25V 1A The Gossen Konstanter 23K2X25R1 is a dual-output laboratory DC power supply providing two independently regulated 0–25 V / 0–1 A channels. Continuous power is approximately 25 W per channel. Part of the Gossen 23K dual Konstanter family for dual-rail analog and mixed-signal bench applications. Dual independent 25 V supplies; bipolar ± 25 V rails with series/common wiring; analog circuit development; production multi-rail fixtures. The Gossen Konstanter 23K2X25R1 is a dual-output laboratory DC power supply providing two independently regulated 0–25 V / 0–1 A channels. Continuous power is approximately 25 W per channel. Part of the Gossen 23K dual Konstanter family for dual-rail analog and mixed-signal bench applications. Dual independent 25 V supplies; bipolar ± 25 V rails with series/common wiring; analog circuit development; production multi-rail fixtures.



MODEL

**Gossen
23K2X25R1**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

23K2X25R1

LISTING

<https://aumictechlabs.com/products/23k2x25r1-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Gossen Konstanter 23K2X25R1 is a dual-channel DC power supply delivering two independent, voltage and current-controlled outputs. Each channel supplies up to 25V at 1A,

making it suitable for laboratory testing, product development, and repair work. This unit combines stable power delivery with protection circuitry typical of the Konstanter series, including overcurrent protection (OCP), overvoltage protection (OVP), power limiting, and overtemperature safeguards. Manual adjustment is standard; remote control capability depends on interface configuration. Available typically as used equipment, often tested and calibrated before shipment.

Technical Specifications

Electrical Performance

Maximum output voltage per channel: 25V

Maximum output current per channel: 1A

Output type: Voltage and current controlled DC

Number of channels: 2

Channel configuration: Dual independent outputs

Physical & Operational

Form factor: Laboratory bench or potential rack mounting

Control: Manual adjustment with optional remote control via integrated interfaces

Key Features

Dual independent outputs eliminate cross-channel interference

Voltage and current regulation enable precise load control

Overcurrent protection (OCP) prevents damage from short circuits

Overvoltage protection (OVP) safeguards connected equipment

Power limiting prevents thermal runaway

Overtemperature protection extends operational life

Manual front-panel adjustment for immediate reconfiguration

Typical Applications

Laboratory test bench power distribution

Electronic circuit development and debugging

Component characterization and parameter measurement

Device repair and troubleshooting work

Educational demonstrations in engineering labs

Connectivity & Integration

The Konstanter series supports analog control interfaces and optional GPIB for system integration. RS232 connectivity available in some configurations. Interface specifics should be confirmed for the 23K2X25R1 variant.

Features & description

From manufacturer datasheet

Features

- Model: 23K2X25R1 • Outputs: $2 \times (0\text{--}25 \text{ V DC} / 0\text{--}1 \text{ A})$ • Modes: CV/CC per channel • Family: Konstanter 23K dual-output • Independent voltage/current controls and metering • Continuous power $\approx 25 \text{ W}$ per channel • Bench form factor; AC mains (confirm nameplate) • Floating outputs; series/tracking per Konstanter practice

23K2X25R1 Characteristics / Specifications

PARAMETER	VALUE
Model	23K2X25R1
Manufacturer	Gossen / Gossen Metrawatt
Instrument Type	Dual-Output Laboratory DC Power Supply
Family	Konstanter 23K dual-output
Alias	23K2X25R1; 2 X 25V 1A Electrical 2 × 25 V / 1 A; CV/CC Operational Notes Prefer unit nameplate for regulation, ripple, and channel isolation. Confirm common-return wiring before bipolar use.
Outputs	2 × (0–25 V DC / 0–1 A)
Modes	CV/CC per channel

23K2X25R1 Specifications

PARAMETER	VALUE
Gossen Konstanter 23K2X25R1 DC Power Supply 2 X 25V 1A	Overview
Applications	Dual independent 25 V supplies; bipolar ±25 V rails with series/common wiring; analog circuit development; production multi-rail fixtures.
Key Features	- Model: 23K2X25R1
Technical Specifications	Model: 23K2X25R1
Electrical	2 × 25 V / 1 A; CV/CC

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	23K2X25R1
Manufacturer	Gossen / Gossen Metrawatt
Instrument Type	Dual-Output Laboratory DC Power Supply
Family	Konstanter 23K
Alias	23K2X25R1; 2 X 25V 1A

Electrical

2 × 25 V / 1 A; CV/CC

Operational Notes

Prefer unit nameplate for regulation, ripple, and channel isolation. Confirm common-return wiring before bipolar use.

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.