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Data Sheet

August 8, 2026

GOSSEN

Gossen Konstanter 7KD2402-3XD3 DC Power Supply 2X 18V 1A

The Gossen Konstanter 7KD2402-3XD3 is a reliable DC power supply providing dual outputs of 18V at 1A each. It's designed for consistent performance in various electronic applications, offering a stable power source for testing, development, and general use. This power supply ensures accurate and dependable voltage and current delivery.

**MODEL****Gossen 7KD2402-3XD3****CALIBRATION****Available on request****CONDITION****Used****STATUS****In stock****RFQ / SKU****7KD2402-3XD3****LISTING**<https://aumictechlabs.com/products/7kd2402-3xd3-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Gossen Konstanter 7KD2402-3XD3 is a dual-output DC power supply engineered for laboratory, development, and test bench applications. It delivers two independent 18V DC outputs, each rated for 1A, with constant voltage and constant current regulation modes. The unit features overvoltage and overcurrent protection with adjustable delayed shutdown, dual 4-place multifunction displays for voltage/current/power readout, and manual adjustment via rotary pulse generators. Load regulation and transient response are optimized for load-independent performance, with response times typically under 1 ms. Protection circuits and regulation accuracy are hallmarks of the Konstanter series, making this supply suitable for powering sensitive electronic systems requiring stable, independent dual-rail outputs. Technical

Specifications Output Channels: 2 independent outputs Output Voltage: 18V DC per channel (nominal) Output Current: 1A DC per channel (nominal) Maximum Output Power: ~36W (based on dual 18V @ 1A configuration) Regulation Modes: Constant Voltage (CV) and Constant Current (CC) Load Regulation: Load-independent response design Transient Response: Typically <1 ms Output Protection: Overvoltage Protection (OVP) and Overcurrent Protection (OCP) with adjustable delayed shutdown Ripple and Noise: Minimal residual ripple (Konstanter series characteristic)Key Features Dual 4-place multifunction displays for V, A, and W measurement Rotary pulse generator controls with adjustable resolution Control element locking to prevent unauthorized adjustment Independent channel operation with cross-channel isolation Short transient response for load-step applicationsTypical Applications Component and module testing Laboratory bench development work Electronic system validation Dual-supply circuit poweringCompatibility & Integration The 7KD2402-3XD3 is suitable for 19" rack mounting configurations. Analog control interfaces and optional RS 232C serial capability are available on Konstanter series models.

Features & description

From manufacturer datasheet

Features

- Model: 7KD2402-3XD3
- Outputs: $2 \times (0-18 \text{ V DC} / 0-1 \text{ A})$
- Modes: CV/CC per channel (Konstanter class)
- Multi/dual-output Konstanter KD chassis
- Fine voltage/current adjustment; metering class
- Continuous power $\approx 18 \text{ W}$ per channel
- AC mains powered (confirm nameplate)
- Floating outputs typical of Konstanter dual designs

7KD24023XD3 Characteristics / Specifications

PARAMETER	VALUE
Model	7KD2402-3XD3
Manufacturer	Gossen / Gossen Metrawatt
Instrument Type	Dual-Output Laboratory DC Power Supply
Family	Konstanter KD / 7KD
Alias	7KD2402-3XD3; 2X 18V 1A Electrical 2 × 18 V / 1 A; CV/CC Operational Notes Prefer unit nameplate and Gossen Konstanter KD documentation for exact regulation and isolation. Confirm mains voltage before use.
Outputs	2 × (0–18 V DC / 0–1 A)
Modes	CV/CC per channel (Konstanter class)

7KD24023XD3 Specifications

PARAMETER	VALUE
Key Features	- Model: 7KD2402-3XD3
Technical Specifications	Model: 7KD2402-3XD3
Electrical	2 × 18 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

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Electrical

2 × 18 V / 1 A; CV/CC

Operational Notes

Prefer unit nameplate and Gossen Konstanter KD documentation for exact regulation and isolation. Confirm mains voltage before 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.