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Data Sheet

August 8, 2026

GOSSEN

Gossen Konstanter 24K32RU2 DC Power Supply 2 X 32V 2A

Gossen Konstanter 24K32RU2 DC Power Supply 2 X 32V 2A The Gossen Konstanter 24K32RU2 is a dual-output laboratory DC power supply in the 24K family providing two independently regulated 0–32 V / 0–2 A channels with RU overvoltage-protection class. Continuous power is approximately 64 W per channel. Fine CV/CC controls support dual-rail analog and mixed-signal bench work. Dual independent 32 V supplies; bipolar ± 32 V rails with series/common wiring; analog circuit development; production multi-rail fixtures with OVP-protected outputs. The Gossen Konstanter 24K32RU2 is a dual-output laboratory DC power supply in the 24K family providing two independently regulated 0–32 V / 0–2 A channels with RU overvoltage-protection class. Continuous power is approximately 64 W per channel. Fine CV/CC controls support dual-rail analog and mixed-signal bench work. Dual independent 32 V supplies; bipolar ± 32 V rails with series/common wiring; analog circuit development; production multi-rail fixtures with OVP-protected outputs.



MODEL

Gossen 24K32RU2

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

24K32RU2

LISTING

<https://aumictechlabs.com/products/24k32ru2-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Gossen Konstanter 24K32RU2 is a dual-output DC power supply engineered for laboratory and industrial applications demanding stable, precisely controlled power delivery. Each of two independent channels provides 32V at 2A with regulated voltage and current output, minimal ripple, and load-independent response times under 1 ms. The unit integrates comprehensive protection - overvoltage, overcurrent, and overtemperature - alongside manual adjustment via rotary pulse generators with lockable controls and sequence generation capabilities.

Technical Specifications

Output Configuration: 2 channels, 32V per channel, 2A per channel

Regulation: Voltage and current regulated output

Response Time: <1 ms, load independent

Ripple and Noise: Minimal residual ripple

Protection: Overvoltage, overcurrent, and overtemperature protection

Control: Manual adjustment via rotary pulse generators with adjustable resolution; lockable control elements; sequence controls for voltage and current sequences

Operational Modes: Dynamic sink mode and master-slave operation (parallel or series connection) supported on certain configurations

Key Features

Digital LED displays for real-time readout of measured values and settings

RS-232 serial interface (standard) supporting up to 30 addressable instruments from a single PC port; data rates from 50 to 19,200 bits/sec; device address selectable 0–30

Analog interface with monitor, auxiliary power, and programmable signal outputs; programmable trigger and setpoint inputs

Optional IEEE 488 (GPIB) and USB interfaces

Output ON/OFF function with integrated control protection

Typical Applications

Laboratory test benches, 19" rack-mounted systems, research and development, production testing, and demanding test systems requiring independent dual-channel power with precise sequencing control.

Compatibility & Integration

Drivers available for LabVIEW, LabWindows/CVI, and HP VEE. Designed for integration into R&D, production, and test environments. Functional housing suitable for various operating environments.

Features & description

From manufacturer datasheet

Features

- Family: Gossen Konstanter 24K dual
- Outputs: $2 \times (0\text{--}32 \text{ V DC} / 0\text{--}2 \text{ A})$
- Modes: CV/CC per channel
- RU: adjustable overvoltage protection (Konstanter RU class, $\sim 10 \mu\text{s}$ response)
- Continuous power $\approx 64 \text{ W}$ per channel
- Fine multi-turn voltage/current controls; dual metering
- Series/parallel capable within Konstanter practice
- Active cooling typical of 24K chassis
- Mains: typically 200–240 V AC (confirm nameplate)

24K32RU2 Characteristics / Specifications

PARAMETER	VALUE
Model	24K32RU2
Manufacturer	Gossen / Gossen Metrawatt
Instrument Type	Dual-Output Laboratory DC Power Supply with OVP
Family	Gossen Konstanter 24K dual
Alias	24K32RU2; 2 X 32V 2A Electrical 2 × 32 V / 2 A; CV/CC; RU OVP Operational Notes Prefer Gossen Konstanter 24K RU documentation. Set OVP above intended load voltage before enabling outputs. Confirm channel isolation on nameplate.
Outputs	2 × (0–32 V DC / 0–2 A)
Modes	CV/CC per channel
Mains	typically 200–240 V AC (confirm nameplate)

24K32RU2 Specifications

PARAMETER	VALUE
Gossen Konstanter 24K32RU2 DC Power Supply 2 X 32V 2A	Overview
Key Features	- Family: Gossen Konstanter 24K dual
Technical Specifications	Model: 24K32RU2
Electrical	2 × 32 V / 2 A; CV/CC; RU OVP

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	24K32RU2
Manufacturer	Gossen / Gossen Metrawatt
Instrument Type	Dual-Output Laboratory DC Power Supply with OVP
Family	Konstanter 24K
Alias	24K32RU2; 2 X 32V 2A

Electrical

2 × 32 V / 2 A; CV/CC; RU OVP

Operational Notes

Prefer Gossen Konstanter 24K RU documentation. Set OVP above intended load voltage before enabling outputs. Confirm channel isolation on nameplate.

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.