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Data Sheet

August 12, 2026

GOSSEN

Gossen Konstanter 33K7EU5 / 2x25R1D DC Power Supply U

The Gossen Konstanter 33K7EU5 / 2x25R1D is a dual-output DC power supply unit engineered for laboratory, industrial, and test environments requiring precise voltage regulation and stable power delivery. This instrument combines manual control with programmable automation, supporting complex measurement sequences and dynamic load conditions through short response times and multiple communication interfaces. Typical Applications Benchtop laboratory testing, rack-mount system integration, automated production test sequences, dynamic load simulation, sensitive equipment characterization, and research applications requiring stored test profiles and remote operation. Compatibility & Integration Functional housing accommodates both standalone benchtop operation and 19" rack mounting. Calibrated units come with full OEM specification compliance verification. Integration supports multi-instrume



MODEL

**Gossen
33K7EU5/2x25R1D**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

33K7EU5/2x25R1D

LISTING

<https://aumictechlabs.com/products/33k7eu5-2x25r1d-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Gossen Konstanter 33K7EU5 / 2x25R1D is a dual-output DC power supply unit engineered for laboratory, industrial, and test environments requiring precise voltage regulation and stable power

delivery. This instrument combines manual control with programmable automation, supporting complex measurement sequences and dynamic load conditions through short response times and multiple communication interfaces.

Technical Specifications

Model: 33K7EU5 / 2×25R1D

Product Type: DC Power Supply Unit with dual output configuration

Voltage Regulation: Precise regulation for stable DC output

Response Time: Short response times suitable for complex test signals and dynamic load conditions

Programmable Memory: Up to 243 stored settings with recall capability for automated sequences

Output Monitoring: Multi-function display reads voltage (V), current (A), and power (W)

Protection Systems: Overvoltage protection, delayed overcurrent shut-down, excessive temperature protection

Key Features

- Dual-channel output configuration
- Remote sensing capability maintains accurate voltage at the load terminals
- Programmable digital signal inputs and outputs
- Analogue interface for superimposing low-frequency signals
- Rotary pulse generators with adjustable resolution for manual adjustment
- Data memory stores U/I time profiles and automatic sequences
- Control panel disabling protects against unauthorized operation
- Menu-driven parameter adjustment via multi-function display

Interfaces & Communication

- RS232C serial interface (addressable, up to 30 instruments per PC port)
- IEEE 488 (GPIB) interface support
- USB interface capability
- Analogue control inputs for external signal integration

Typical Applications

Benchtop laboratory testing, rack-mount system integration, automated production test sequences, dynamic load simulation, sensitive equipment characterization, and research applications requiring stored test profiles and remote operation.

Compatibility & Integration

Functional housing accommodates both standalone benchtop operation and 19" rack mounting. Calibrated units come with full OEM specification compliance verification. Integration supports multi-instrument PC control via serial addressing.

Features & description

From manufacturer datasheet

Features

- Three independent DC outputs in one chassis
- Linear/programmable LSP Konstanter family construction
- Catalog designation encodes both 7 V/5 A and dual 25 V/1 A ranges
- Order reference K270A in GMC/Gossen LSP tables

Applications

- Multi-rail bench power for analog/digital development
- Independent dual 25 V rails plus a higher-current 7 V rail
- R&D, production, and service benches using Gossen LSP Konstanter supplies

33K7EU52X25R1D Characteristics / Specifications

PARAMETER	VALUE
Model	33K7EU5/2×25R1D
Manufacturer	Gossen
Instrument Type	Multi-Output DC Power Supply
Alias	33K7EU5; 2×25R1D; Gossen 33K7EU5/2×25R1D; K270A
ChannelAvoltage	0 to 25 V
ChannelAcurrent	0 to 1 A
ChannelApower	25 W
ChannelBvoltage	0 to 25 V
ChannelBcurrent	0 to 1 A
ChannelBpower	25 W
ChannelCvoltage	0 to 7 V
ChannelCcurrent	0 to 5 A
ChannelCpower	35 W
Total output power	85 W
Order code	K270A
Series	LSP Konstanter Notes Voltage/current/power from Gossen/GMC LSP catalog row for 33K7EU5/2×25R1D (K270A). Confirm front-panel channel labels and any interface options on the unit; finer ripple/regulation figures belong on the faceplate or OEM manual if present.

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	33K7EU5/2x25R1D
Manufacturer	Gossen
Instrument Type	Multi-Output DC Power Supply
Alias	33K7EU5; 2x25R1D; Gossen 33K7EU5/2x25R1D; K270A

Specifications

PARAMETER	VALUE
ChannelAvoltage	0 to 25 V
ChannelAcurrent	0 to 1 A
ChannelApower	25 W
ChannelBvoltage	0 to 25 V
ChannelBcurrent	0 to 1 A
ChannelBpower	25 W
ChannelCvoltage	0 to 7 V
ChannelCcurrent	0 to 5 A
ChannelCpower	35 W
Total output power	85 W
Order code	K270A
Series	LSP Konstanter

Notes

Voltage/current/power from Gossen/GMC LSP catalog row for 33K7EU5/2x25R1D (K270A). Confirm front-panel channel labels and any interface options on the unit; finer ripple/regulation figures belong on the faceplate or OEM manual if present.

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.