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Data Sheet

August 8, 2026

GOSSEN

Gossen Konstanter 24K 16 R4 DC Power Supply Unit 16V 4A

The Gossen Konstanter 24K 16 R4 is a DC power supply unit providing a stable 16V output at 4A. Designed for laboratory and industrial applications, it ensures reliable power for sensitive electronic equipment. Features include overload protection and voltage regulation.



MODEL

**Gossen Konstanter
24K 16 R4**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

**Konstanter 24K 16
R4**

LISTING

<https://aumictechlabs.com/products/konstanter-24k-16-r4-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Gossen Konstanter 24K 16 R4 is a precision DC power supply unit engineered for laboratory and industrial applications requiring stable, regulated output. This instrument delivers continuously adjustable voltage from 0 to 16 V and current from 0 to 4 A, with fine resolution control enabling accurate power delivery to sensitive circuits. Dual analog displays provide real-time monitoring of output voltage and current, while 10-gang potentiometers facilitate precise adjustment with 3 mV voltage resolution and 2.5 mA current resolution. The unit incorporates remote sensing capability for voltage regulation directly at the load, eliminating line-drop errors in test setups. Output activation can be controlled independently, and integrated overload protection safeguards connected equipment against fault conditions. Technical Specifications Output voltage: 0 to 16 V continuously adjustable Output current: 0 to 4 A continuously adjustable

Voltage adjustment resolution: 3 mV Current adjustment resolution: 2.5 mA Input voltage: 220 V Input frequency: 45 to 65 Hz Weight: 8.4 kg Housing: Rugged metal construction

Key Features

- Dual analog displays for voltage and current monitoring
- 10-gang potentiometer controls for smooth, precise adjustment
- Remote sensing mode for accurate load voltage delivery
- Output on/off activation control
- Overload protection for connected device safety
- Excellent regulation performance across load conditions

Typical Applications

- Laboratory power sourcing and equipment characterization
- System integration and functional testing
- Sensitive device powering with tight voltage tolerance requirements

Compatibility & Integration

The unit operates from standard 220 V single-phase mains across 45 to 65 Hz frequency range, accommodating varied regional power infrastructure requirements.

Features & description

From manufacturer datasheet

Features

- Family: Gossen Konstanter 24K
- Output: 0–16 V DC; 0–4 A
- Modes: CV/CC linear regulated
- Continuous power $\approx$ 64 W
- Fine multi-turn voltage and current potentiometers
- Dual analog meters (R4 class)
- Series/parallel capable with compatible Konstanter units
- Active cooling typical of 24K chassis
- Mains: typically 200–240 V AC (confirm nameplate)

KONSTANTER24K16R4 Characteristics / Specifications

PARAMETER	VALUE
Model	24K 16 R4
Manufacturer	Gossen / Gossen Metrawatt
Instrument Type	Linear Laboratory DC Power Supply
Family	Gossen Konstanter 24K
Alias	24K16R4; 24K 16 R4; 16V 4A Electrical 0–16 V; 0–4 A; CV/CC Operational Notes Prefer Gossen Konstanter 24K documentation. Confirm mains voltage and sensing terminals on the unit.
Output	0–16 V DC; 0–4 A
Modes	CV/CC linear regulated
Mains	typically 200–240 V AC (confirm nameplate)

KONSTANTER24K16R4 Specifications

PARAMETER	VALUE
Gossen Konstanter 24K 16 R4 DC Power Supply Unit 16V 4A	Overview
Applications	16 V / 4 A lab supply; logic and analog board testing; production burn-in; series/parallel Konstanter multi-unit setups.
Key Features	- Family: Gossen Konstanter 24K
Technical Specifications	Model: 24K 16 R4
Electrical	0–16 V; 0–4 A; CV/CC
Operational Notes	Prefer Gossen Konstanter 24K documentation. Confirm mains voltage and sensing terminals on the unit.

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	24K 16 R4
Manufacturer	Gossen / Gossen Metrawatt
Instrument Type	Linear Laboratory DC Power Supply
Family	Konstanter 24K
Alias	24K16R4; 24K 16 R4; 16V 4A

Electrical

0-16 V; 0-4 A; CV/CC

Operational Notes

Prefer Gossen Konstanter 24K documentation. Confirm mains voltage and sensing terminals on the unit.

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.