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Data Sheet

August 8, 2026

GOSSEN

Gossen Konstanter K5EU5 DC Power Supply 5V 5A

Gossen Konstanter K5EU5 DC Power Supply 5V 5A The Gossen Konstanter K5EU5 is a laboratory DC power supply providing a regulated 0–5 V / 0–5 A output (≈ 25 W). The EU coding in the Konstanter family typically denotes fixed or tightly regulated low-voltage logic-rail configurations with overvoltage protection class features suited for TTL/CMOS and digital system powering. 5 V logic-rail supply; TTL/CMOS and digital board testing; production burn-in of 5 V loads; service benches requiring high-current 5 V. The Gossen Konstanter K5EU5 is a laboratory DC power supply providing a regulated 0–5 V / 0–5 A output (≈ 25 W). The EU coding in the Konstanter family typically denotes fixed or tightly regulated low-voltage logic-rail configurations with overvoltage protection class features suited for TTL/CMOS and digital system powering. 5 V logic-rail supply; TTL/CMOS and digital board testing; production burn-in of 5 V loads; service benches requiring high-current 5 V.



MODEL

Gossen K5EU5

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

K5EU5

LISTING

<https://aumictechlabs.com/products/k5eu5-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Gossen Konstanter K5EU5 is a 5V DC power supply rated for 5A continuous output, delivering 25W of stable power for laboratory, industrial control, and sensitive electronic applications. Part of the Konstanter series from GOSSEN METRAWATT, this unit combines precise voltage and current

regulation with low residual ripple characteristic of the product line. The K5EU5 is engineered for demanding environments requiring consistent, clean power delivery and continuous operation.

Technical Specifications Output Voltage: 5V DC Output Current: 5A Output Power: 25W
Manufacturer: Gossen Konstanter (GOSSEN METRAWATT) Model: K5EU5

Key Features The Konstanter series delivers precise voltage and current regulation through advanced circuit technology. Analog control circuits with potentiometer-based adjustment provide coarse and fine voltage tuning referenced against internal standards. Response time performance enables load-independent operation, critical for applications subject to rapid load transients. Low ripple output is maintained through optimized regulation topology, ensuring minimal noise on the 5V rail.

Typical Applications The K5EU5 suits laboratory benchtop work, industrial process control systems, and any application demanding stable, uninterrupted DC power. Its compact 25W capacity targets embedded systems, test fixtures, and development platforms where clean 5V distribution is essential.

Compatibility & Integration Konstanter models support analog interfaces for external voltage and current control via command voltages. AC signal superposition onto the DC output is possible on select configurations. Digital interfaces including RS232C, IEEE488 (GPIB), and USB connectivity are available on compatible Konstanter variants, enabling PC-based remote control and real-time output monitoring. Verify specific interface availability for the K5EU5 against your control architecture requirements.

Features & description

From manufacturer datasheet

Features

• Model: K5EU5 • Output: 0–5 V DC; 0–5 A • Modes: CV/CC stabilized regulation • Family: Gossen Konstanter EU low-voltage series • Continuous power ≈ 25 W • Fine adjustment and front-panel metering • OVP-class protection typical of EU Konstanter models • Bench form factor; AC mains (confirm nameplate)

K5EU5 Characteristics / Specifications

PARAMETER	VALUE
The Gossen Konstanter K5EU5 isalaboratory DC power supply providingaregulated	5 V / 0–5 A output ($\approx$ 25 W). The EU coding in the Konstanter family typically denotes fixed or tightly regulated low-voltage logic-rail configurations with overvoltage protection class features suited for TTL/CMOS and digital system powering.
Model	K5EU5
Manufacturer	Gossen / Gossen Metrawatt
Instrument Type	Laboratory DC Power Supply
Family	Gossen Konstanter EU low-voltage series
Alias	K5EU5; 5V 5A Electrical 0–5 V; 0–5 A; CV/CC Operational Notes Prefer unit nameplate for exact regulation, ripple, and OVP settings. Confirm mains voltage before energizing.
Output	0–5 V DC; 0–5 A
Modes	CV/CC stabilized regulation

K5EU5 Specifications

PARAMETER	VALUE
Gossen Konstanter K5EU5 DC Power Supply 5V 5A	Overview
Applications	5 V logic-rail supply; TTL/CMOS and digital board testing; production burn-in of 5 V loads; service benches requiring high-current 5 V.
Key Features	- Model: K5EU5
Technical Specifications	Model: K5EU5
Electrical	0-5 V; 0-5 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	K5EU5
Manufacturer	Gossen / Gossen Metrawatt
Instrument Type	Laboratory DC Power Supply
Family	Konstanter EU
Alias	K5EU5; 5V 5A

Electrical

0-5 V; 0-5 A; CV/CC

Operational Notes

Prefer unit nameplate for exact regulation, ripple, and OVP settings. Confirm mains voltage before energizing.

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.