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Data Sheet

August 8, 2026

GOSSEN

Gossen Konstanter 32d5k011 DC Power Supply 2X8V 2A

Gossen Konstanter 32d5k011 DC Power Supply 2X8V 2A The Gossen Konstanter 32d5k011 is a dual-output laboratory DC power supply providing two independently regulated 0–8 V / 0–2 A channels. Continuous power is approximately 16 W per channel. Part of the Gossen Konstanter 32D compact dual-output family for low-voltage dual-rail logic and digital bench applications. Dual 8 V logic rails; dual independent low-voltage bias; digital/analog board development; production multi-rail fixtures. The Gossen Konstanter 32d5k011 is a dual-output laboratory DC power supply providing two independently regulated 0–8 V / 0–2 A channels. Continuous power is approximately 16 W per channel. Part of the Gossen Konstanter 32D compact dual-output family for low-voltage dual-rail logic and digital bench applications. Dual 8 V logic rails; dual independent low-voltage bias; digital/analog board development; production multi-rail fixtures.



MODEL

Gossen 32d5k011

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

32d5k011

LISTING

<https://aumictechlabs.com/products/32d5k011-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Gossen Konstanter 32d5k011 is a programmable DC power supply engineered for laboratory and industrial test environments. It delivers dual independent outputs, each rated at 8V and 2A,

providing 16W per channel for a combined system capacity of 32W. Built on BET (bidirectional energy transformation) technology, this instrument achieves response times below 1 ms with minimal load-independent transient behavior, making it suitable for dynamic testing scenarios requiring precise, stable power delivery.

Technical Specifications

Output Configuration: Dual outputs, 8V per channel at 2A per channel

Output Power: 16W per channel; 32W total system capacity

Regulation: Voltage and current regulated; floating output terminals

Response Time: <1 ms via BET technology

Ripple & Noise: Minimal residual ripple

Protection: Overvoltage protection (OVP), overcurrent protection (OCP), and overtemperature protection included as standard

Output Control: ON/OFF switching with lockable control elements available

Key Features

Fast transient response and stable output under dynamic load conditions

Remote sensing capability to compensate for voltage drop across output leads

Programmable voltage and current sequencing for automated test routines

Computer-controlled operation via multiple interface standards

RS232C serial interface supports daisy-chaining up to 30 units from a single PC port

Analog interface for external voltage control

Optional IEEE 488 (GPIB) interface and RS232-USB converter available

Master-slave operation enables parallel or series connection configurations

Typical Applications

Ideal for device testing, system development, redundant power architectures, and precision measurement environments where stable dual-output power and fast load-response characteristics are essential.

Compatibility & Integration

Software drivers support LabWindows/CVI, LabVIEW, and Agilent VEE platforms. Suitable for laboratory benchtop operation and 19" rack mounting with appropriate adapters. Sturdy metal housing ensures reliable long-term operation in demanding test environments.

Features & description

From manufacturer datasheet

Features

- Model: 32d5k011
- Outputs: $2 \times (0-8 \text{ V DC} / 0-2 \text{ A})$
- Modes: CV/CC per channel
- Family: Konstanter 32D dual-output
- Continuous power $\approx 16 \text{ W}$ per channel
- Front-panel voltage/current controls and metering
- Compact bench form factor
- AC mains powered (confirm nameplate)
- Floating outputs; series/common wiring per Konstanter practice

32D5K011 Characteristics / Specifications

PARAMETER	VALUE
Model	32d5k011
Manufacturer	Gossen / Gossen Metrawatt
Instrument Type	Dual-Output Laboratory DC Power Supply
Family	Konstanter 32D dual-output
Alias	32d5k011; 2X8V 2A Electrical 2 × 8 V / 2 A; CV/CC Operational Notes Prefer unit nameplate for regulation, ripple, and channel isolation. Confirm mains voltage before use.
Outputs	2 × (0–8 V DC / 0–2 A)
Modes	CV/CC per channel

32D5K011 Specifications

PARAMETER	VALUE
Gossen Konstanter 32d5k011 DC Power Supply 2X8V 2A	Overview
Applications	Dual 8 V logic rails; dual independent low-voltage bias; digital/analog board development; production multi-rail fixtures.
Key Features	- Model: 32d5k011
Technical Specifications	Model: 32d5k011
Electrical	2 × 8 V / 2 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	32d5k011
Manufacturer	Gossen / Gossen Metrawatt
Instrument Type	Dual-Output Laboratory DC Power Supply
Family	Konstanter 32D
Alias	32d5k011; 2X8V 2A

Electrical

2 × 8 V / 2 A; CV/CC

Operational Notes

Prefer unit nameplate for regulation, ripple, and channel 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.