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Data Sheet

August 12, 2026

GOSSEN-METRAWATT

Gossen-Metrawatt Konstanter SLP 120-40 Stabilized DC Power Supply

The Gossen-Metrawatt Konstanter SLP 120-40 is a single-output laboratory DC power supply engineered for research, development, production, education, and service applications. It maintains stable output through constant voltage (CV) or constant current (CC) modes, delivering 120 W across a broad voltage and current range via auto-ranging capability. The unit combines precision control with multiple protection schemes and flexible interfacing options. Typical Applications Laboratory test bench operation, bench-top research, component testing, circuit validation, educational demonstrations, and production testing environments. Compatibility & Integration Analog interface provided as standard. Rear-panel screw terminals enable integration into automated test systems. Multiple units support distributed power architectures through master/slave linking. Aumictech offers NIST-traceable calib



MODEL

**Gossen-Metrawatt
SLP 120-40**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

SIP 120-40

LISTING

<https://aumictechlabs.com/products/slp-120-40-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Gossen-Metrawatt Konstanter SLP 120-40 is a single-output laboratory DC power supply engineered for research, development, production, education, and service applications. It maintains stable output through constant voltage (CV) or constant current (CC) modes, delivering

120 W across a broad voltage and current range via auto-ranging capability. The unit combines precision control with multiple protection schemes and flexible interfacing options.

Technical Specifications

Nominal output power: 120 W Voltage setting range: 0 to 40 V Current setting range: 0 to 6 A Input: 230 V AC $\pm 10\%$, 50 Hz / 60 Hz Output connectors: Two safety connectors (front panel); screw clamp terminals (rear panel) Display: Dual 3½-digit LED displays for voltage and current readout with mode indicators Transient response: Less than 1 ms Protection: Over-temperature, overvoltage (OVP), and overcurrent (OCP) with user-replaceable fuse Dimensions: 102 mm H $\times$ 221.5 mm W $\times$ 397.5 mm D Weight: 2.8 kg

Key Features

Auto-ranging output maintains 120 W across the full voltage/current envelope Dual control modes (CV/CC) with mode indication via front-panel display Analog interface on rear panel: 0 to 10 V control signals; SIG1 OUT (output on/off status); SIG2 OUT (CV/CC mode status); TRG IN+ digital control input Automatic remote sensing activation when sensor cables are connected Master/slave configuration capability - multiple units can be linked with load current equally shared Mains output passthrough allows up to three SLPs to share a single input via mains jumper cable accessory solid metal housing with sealed top/bottom, rubber feet, cable spacer, and 19" rack mounting compatibility via adapter

Typical Applications

Laboratory test bench operation, bench-top research, component testing, circuit validation, educational demonstrations, and production testing environments.

Compatibility & Integration

Analog interface provided as standard. Rear-panel screw terminals enable integration into automated test systems. Multiple units support distributed power architectures through master/slave linking.

Features & description

From manufacturer datasheet

Features

- Stabilized Konstanter laboratory DC supply
 - SLP 120 family form factor
 - Model encoding indicates 40 V class
-

Applications

- Laboratory and production DC power
- Bench supply for mid-voltage Konstanter workflows

SLP120 Characteristics / Specifications

PARAMETER	VALUE
Model	SLP 120-40
Manufacturer	Gossen-Metrawatt
Instrument Type	Stabilized DC Power Supply
Alias	SIP 120-40; SLP 120-40; Gossen SLP 120-40
Series	Konstanter SLP 120
Voltage class	40 V
Type	Stabilized DC laboratory power supply Notes Detailed current, power, ripple, and programming tables were not verified from a primary OEM datasheet for this exact SKU. Confirm faceplate voltage/current ratings 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	SLP 120-40
Manufacturer	Gossen-Metrawatt
Instrument Type	Stabilized DC Power Supply
Alias	SLP 120-40; SLP 120-40; Gossen SLP 120-40

Specifications

PARAMETER	VALUE
Series	Konstanter SLP 120
Voltage class	40 V
Type	Stabilized DC laboratory power supply

Notes

Detailed current, power, ripple, and programming tables were not verified from a primary OEM datasheet for this exact SKU. Confirm faceplate voltage/current ratings 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.