

**Aumictech**

Test & measurement • bought, sold, repaired, calibrated

Data Sheet

August 14, 2026

GLASSMAN

Glassman Series SH 40kV Power Supply

Maximum Family Voltage Span: 1 to 100 kVDC models Control Interfaces Class: front panel remote RS232 USB optional Ethernet Arc Features Class: arc quench and arc count Model voltage/current/cable/energy from Glassman SH Series chart (SH40P200). Series-wide electrical performance from XP Glassman SH Series specifications. Control Interfaces Class: front panel remote RS232 USB optional Ethernet Arc Features Class: arc quench and arc count Model voltage/current/cable/energy from Glassman SH Series chart (SH40P200). Series-wide electrical performance from XP Glassman SH Series specifications.



MODEL

**Glassman
SH40P200**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

SH40P200

LISTING

<https://aumictechlabs.com/products/sh40p200-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Glassman SH40P200 is a 200W high-voltage power supply, delivering up to 40kV. This unit features tight regulation and low ripple, ensuring stable and accurate output. It includes comprehensive protection features such as overvoltage, overcurrent, and short circuit protection. The SH series is known for its solid design and suitability for various applications including research, testing, and industrial processes.

SH40P200 Characteristics / Specifications

PARAMETER	VALUE
Output Voltage Range	0 to 40 kV
Output Current Range	0 to 200 mA
Series Power Class	8 kW
Polarity	Positive
HV Cable Type	RG-8U
Stored Energy Class Chart	16 J for SH40P200 row
Voltage Regulation Line Class	less than plus or minus 0.005% for specified line
Voltage Regulation Load Class	0.01% + 10 mV/mA for specified load
Current Regulation Class	less than 0.2% from short circuit to rated voltage
Ripple Class	less than 0.05% of rated voltage + 1 V RMS at full load
Efficiency Typical Full Load	85%
Input Voltage	187 to 228 VAC RMS 48 to 63 Hz three phase
Output Voltage Accuracy Class	0.5% of setting + 0.2% of rated
Output Voltage Repeatability Class	less than 0.1% of setting
Form Factor	10U rack mount
Insulation Medium	Air
Operation Modes	Constant voltage and constant current
Parallel Capability Class	parallelable toward 40 kW
Maximum Family Voltage Span	1 to 100 kVDC models
Control Interfaces Class	front panel remote RS232 USB optional Ethernet
Arc Features Class	arc quench and arc count
Model Chart Family	SH Series 8 kW

SH40P200 Specifications

PARAMETER	VALUE
Glassman SH40P200 High Voltage DC Power Supply	Overview
Applications	40 kV high-power HV bias and process supplies, CV/CC industrial HV systems, and paralleled SH multi-module installations.
Key Features	8 kW class SH Series density
Remote digital control options on series	Tight regulation and low ripple relative to rated voltage
Technical Specifications	Output Voltage Range: 0 to 40 kV

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	
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Notes	
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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.