

**Aumictech**

Test & measurement • bought, sold, repaired, calibrated

Data Sheet

August 14, 2026

GLASSMAN

Glassman Series SH 50kV 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 model chart (SH50P160). Series regulation, ripple, input, and efficiency from XP Glassman SH Series product 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 model chart (SH50P160). Series regulation, ripple, input, and efficiency from XP Glassman SH Series product specifications.



MODEL

**Glassman
SH50P160**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

SH50P160

LISTING

<https://aumictechlabs.com/products/sh50p160-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Glassman SH50P160 stands out as a high-voltage power supply engineered for precision and reliability. It delivers a stable and controllable voltage output, making it suitable for various applications. Its solid design ensures consistent performance. This power supply is a great choice for high voltage needs.

SH50P160 Characteristics / Specifications

PARAMETER	VALUE
Output Voltage Range	0 to 50 kV
Output Current Range	0 to 160 mA
Series Power Class	8 kW
Polarity	Positive
HV Cable Type	RG-8U
Stored Energy Class Chart	20 J for SH50P160 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 with master/slave modules
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

SH50P160 Specifications

PARAMETER	VALUE
Glassman SH50P160 High Voltage DC Power Supply	Overview
Key Features	8 kW class air-insulated SH Series supply
Arc quench and arc count features on series	Remote RS232 USB and optional Ethernet control class on modern SH
Technical Specifications	Output Voltage Range: 0 to 50 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	
Model voltage/current/cable/energy from Glassman SH Series model chart (SH50P160). Series regulation, ripple, input, and efficiency from XP Glassman SH Series product specifications.	

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.