

**Aumictech**

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Data Sheet

August 15, 2026

GLASSMAN

Glassman 300W Regulated High Voltage DC Supply

The Glassman PS/ER02R150DMZR is a 300W regulated high voltage DC power supply. It offers precise control and stable output for demanding applications. With its solid design, it ensures reliable performance and protection for sensitive devices.



MODEL

**Glassman
PS/ER02R150DMZR**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

PS/ER02R150DMZR

LISTING

<https://aumictechlabs.com/products/ps-er02r150dmzr-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Glassman PS/ER02R150DMZR is a 300W regulated high voltage DC power supply designed for applications requiring stable and precise high voltage. It features tight regulation, low ripple, and comprehensive protection features, ensuring reliable operation and protection of connected equipment. This power supply is research, development, and industrial settings.

PSER02R150DMZR Characteristics / Specifications

PARAMETER	VALUE
Model	PS/ER02R150DMZR
Family Model	ER2R150
Output Voltage Range	0 to 2 kV
Output Current Range	0 to 150 mA
Output Power Class	300 W series rating
Polarity	reversible with respect to chassis ground
HV Cable Type	RG-59
Voltage Regulation Line And Load	less than 0.005 percent plus 1 mV/mA
Ripple At Full Load	less than 0.02 percent RMS of rated voltage plus 0.5 V
Ripple Models 1.5 kV And Lower Class	400 mV RMS
Current Regulation	less than 0.1 percent from control with 75 percent resistive load
Temperature Coefficient	0.01 percent perCVoltage Accuracy: 0.5 percent of setting plus 0.2 percent of rated
Voltage Repeatability	less than 0.1 percent of rated
Programming Resolution Front Panel	0.05 percent via 10-turn potentiometers
Remote Program Monitor Scale	0 to plus 10 V for zero to ratedVorInput Voltage: 105 to 125 V RMS 48 to 63 Hz single phase less than 6 A
Efficiency At Full Load	typically 85 percent
Operating Temperature	minus 20 to plus 40 C
Storage Temperature	minus 40 to plus 85 C
Panel Height	3.5 in
Weight	18 lb
Digital Meters Option	DM 3.5 digit LCD panel meters
Zero Start Interlock Option	ZR
External Interlock	open off closed on
Reference Output	plus 10 V

PSER02R150DMZR Specifications

PARAMETER	VALUE
Applications	Laboratory HV bias to 2 kV, electrostatic and process HV supplies, and remote-programmed CV/CC high-voltage sources needing low ripple.
Key Features	Air insulated 3.5 inch panel height chassis
Technical Specifications	Model: PS/ER02R150DMZR

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Storage temperature	minus 40 to plus 85 C
Operating temperature	minus 20 to plus 40 C
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Panel Height	3.5 in
Weight	18 lb
Digital Meters Option	DM 3.5 digit LCD panel meters
Zero Start Interlock Option	ZR
External Interlock	open off closed on
Reference Output	plus 10 V Notes From Glassman ER Series 300 W datasheet model chart row ER2R150 and Artisan configuration note for PS/ER02R150DMZR (DM digital meters, ZR zero-start interlock).

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	
Technical Specifications	
PARAMETER	VALUE
Model	PS/ER02R150DMZR
Family Model	ER2R150
Output Voltage Range	0 to 2 kV
Output Current Range	0 to 150 mA
Output Power Class	300 W series rating
Polarity	reversible with respect to chassis ground
HV Cable Type	RG-59
Voltage Regulation Line And Load	less than 0.005 percent plus 1 mV/mA
Ripple At Full Load	less than 0.02 percent RMS of rated voltage plus 0.5 V
Ripple Models 1.5 kV And Lower Class	400 mV RMS
Current Regulation	less than 0.1 percent from control with 75 percent resistive load
Temperature Coefficient	0.01 percent per C
Voltage Accuracy	0.5 percent of setting plus 0.2 percent of rated
Voltage Repeatability	less than 0.1 percent of rated
Programming Resolution Front Panel	0.05 percent via 10-turn potentiometers
Remote Program Monitor Scale	0 to plus 10 V for zero to rated V or I
Input Voltage	105 to 125 V RMS 48 to 63 Hz single phase less than 6 A
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Storage Temperature	minus 40 to plus 85 C
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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.