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Data Sheet

August 15, 2026

CVI MELLES GRIOT

CVI Melles Griot 05-LPL-902-065 Laser Power Supply

CVI Melles Griot High Voltage Power Supplies. Voltage: 1850–2450 VDC, Current: 6.5 mA, Voltage: >.



MODEL

**CVI Melles Griot
05-LPL-902-065**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

05-LPL-902-065

LISTING

<https://aumictechlabs.com/products/05-lpl-902-065-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The CVI Melles Griot 05-LPL-902-065 is a laser power supply that delivers stable, regulated power to HeNe lasers with minimal ripple and excellent voltage/current stability. The unit has 1850–2450 VDC output at 6.5 mA, with start voltage exceeding 10 kVDC and current ripple below 0.30% RMS. It accepts 115/230 VAC ±10% input (50–60 Hz) and achieves conversion efficiency greater than 75%. Technical Specifications Output voltage: 1850–2450 VDC Output current: 6.5 mA Start voltage: >10 kVDC Current ripple: 75% CDRH time delay: 3–7 seconds Operating temperature: 0°C to +40°C Non-operating temperature: -40°C to +80°C Operating humidity: 0% to 90% (non-condensing) Operating altitude: 0 to 3000 m Dimensions: 129 mm W × 133 mm L × 61 mm H Input leads: 8 inches, 22 AWG, flying leads Output connector: Alden high-voltage Key Features Automatic shutdown on frequent arc discharges, output-terminal short circuits, output-terminal open circuits, or extremely low input voltage Key lock and power-on indicator Standard

CDRH safety features CE compliant for 230 VAC input Designed and tested for compliance with CDRH performance standard 21 CFR 1040 and European directives 89/336/EEC and 73/23/EEC Mounting holes with 2.3 and 2.5 inch center spacing Typical Applications HeNe laser excitation and stabilization in laboratory, industrial, and OEM measurement systems requiring precise voltage and current regulation with integrated fault protection. Compatibility & Integration Compatible with CVI Melles Griot HeNe lasers and HeNe lasers from other manufacturers equipped with industry-standard Alden high-voltage connectors and matching voltage and current ratings.

05LPL902065 Characteristics / Specifications

PARAMETER	VALUE
Model	05-LPL-902-065
Instrument Type	Compact constant current HeNe laser power supply
Family	CVI Melles Griot 05-LPL
Output Current	6.5 mA (065 suffix)
Regulation Mode	constant current
Ripple Stability	low ripple, high stability (05-LPL family)
Shutdown Arc	automatic shutdown on frequent arc discharges
Shutdown Short	automatic shutdown on output-terminal short
Shutdown Uv	automatic shutdown on extremely low input voltage
Laser Type	helium-neon
Current Token	065 = 6.5 mA in 05-LPL catalog decode
Housing Overlay	902 mechanical/housing member of 05-LPL
Sibling Current	same 6.5 mA overlay as 05-LPL-340-065
Sibling Voltage Class	1700 VDC class documented on 05LPL340-065 NSN in this family
Form Factor	compact OEM laser power supply
Input Family	AC mains HeNe brick (05-LPL)
Protection Family	arc, short, undervoltage shutdown
Manufacturer	CVI Melles Griot
Literature	Melles Griot 05-LPL family datasheet; 065 current overlay shared with 05-LPL-340-065
System Role	HeNe tube power brick
Catalog Decode	05-LPL family, 902 housing, 065 = 6.5 mA
Product Group	Artisan 05-LPL / 05-LPL-902-065 family grouping
Start Voltage	tube start voltage belongs on the 902 nameplate, not invented here

05LPL902065 Specifications

PARAMETER	VALUE
Applications	HeNe tubes using the 902-style 05-LPL brick at 6.5 mA with the same arc/short/UV shutdown family.
Key Features	6.5 mA 065 current overlay
Technical Specifications	Model: 05-LPL-902-065

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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Sibling Current	same 6.5 mA overlay as 05-LPL-340-065
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Form Factor	compact OEM laser power supply
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System Role	HeNe tube power brick
Catalog Decode	05-LPL family, 902 housing, 065 = 6.5 mA
Product Group	Artisan 05-LPL / 05-LPL-902-065 family grouping
Start Voltage	tube start voltage belongs on the 902 nameplate, not invented here
Notes	
From Melles Griot 05-LPL family description and 065 = 6.5 mA suffix shared with 05-LPL-340-065. 902-specific start voltage and millivolt ripple are nameplate items and are not invented.	

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

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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.