

WHAT'S YOUR WAVELENGTH?

WE'VE GOT THAT!



HCU Series

Helium Neon Laser Power Supply

DESCRIPTION

The HCU Series Helium Neon (HeNe) power supply is a current regulated, switching mode, dual input, high voltage power supply for operating helium neon lasers. Suitable for AC input voltages of 100-130 VAC and 200-260 VAC, this benchtop unit is ideal for laboratory environments.

The HCU incorporates the following safety features to comply with government regulations for class 3B (or below) laser systems: a power on/off key switch, emission indicator, 5-second activation delay, and remote interlock connector.

Call one of our sales engineers today to discover how Power Technology can help you find the perfect laser system for your application at 501-407-0712 or email at sales@powertechnology.com.

FEATURES & BENEFITS

- Power on/off key switch
- Emission indicator
- 5-second activation delay
- Remote interlock & connector

SPECIFICATIONS

Part Number	HCU (SL92)	HCU (SL92)	HCU (SL92I)	HCU (SL92D)	HCU (SL93)
Output Voltage (VDC)	1400-3000	1400-3000	900-1500	1250-2000	2500-5000
Starting Voltage (kVDC)	>10	>10	>8	>8	>12.5
Output Current (mA)	4.9	6	4	6.5	6.5
Current Regulation* (mA)	+/- .1	+/- .1	+/- .1	+/- .1	+/- .1
Maximum Power Out (W)	18	18	9	11	40
Minimum Power Out (W)	20	6	18	3.5	20
Input Voltage (VAC)	100-130 200-260	100-130 200-260	100-130 200-260	100-130 200-260	100-130 200-260
Input Frequency (Hz)	50-400	50-400	50-400	50-400	50-400
Conversion Frequency	80%	80%	80%	80%	80%
Temperature** (°C)	-20 to +50	-20 to +50	-20 to +50	-20 to +50	-20 to +50
Size (inches)	9 X 5.5 X 2.375	9 X 5.5 X 2.375	9 X 5.5 X 2.375	9 X 5.5 X 2.375	9 X 5.5 X 2.375

* +/- 10% Change | ** at heat sink

SAFETY INFORMATION

COMPLIANT & REGISTERED



J-STD-001 | 7711/7721 | A-610

