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## HCU Series HeNe Power Supply

The HCU Series HeNe power supply is a current regulated, switching mode, dual input high voltage power supply for operating helium neon lasers from AC input voltages of 100-130 VAC and 200-260 VAC.

This benchtop unit is ideal for laboratory environments. Also, the need for extra wiring has been eliminated in this easy to use, fully enclosed unit. The HCU utilizes a key switch

emission control, a low voltage remote interlock connector, and a laser emission indicator LED to add to the ease of use and functionality of the product.

Call one of our sales engineers today to discover how Power Technology can meet all your HeNe power needs at 501-407-0712 or email at [sales@powertechnology.com](mailto:sales@powertechnology.com).

### Product Specifications

Part Number	39783	39784	39785	39786
Output Voltage	1500-2400V	2500-3200V	2700-3300V	3200-3800V
Starting Voltage	>10KV DC	>12.5KV DC	>12.5KV DC	>12.5KV DC
Output Current	5.25 mA	5.25 mA	6.5 mA	7.0 mA
Current Regulation*	±.05mA	±.05mA	±.05mA	±.05mA
Maximum Power Out	30W	40W	40W	40W
Minimum Power Out	20W	20W	20W	20W
Input Voltage	100-130VAC 200-260VAC	100-130VAC 200-260VAC	100-130VAC 200-260VAC	100-130VAC 200-260VAC
Input Frequency	50-400Hz	50-400Hz	50-400Hz	50-400Hz
Conversion Frequency	80%	80%	80%	80%
Temperature**	-20° to +50°	-20° to +50°	-20° to +50°	-20° to +50°
Isolation***	1500V	1500V	1500V	1500V
Size(inches/cm)	9 X 5.5 X 2.375 22.86X13.97X6.03	9 X 5.5 X 2.375 22.86X13.97X6.03	9 X 5.5 X 2.375 22.86X13.97X6.03	9 X 5.5 X 2.375 22.86X13.97X6.03

\* for ±10% line change - \*\* at heat sink - \*\*\* From AC line to safety ground and output return

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