



300 Watt Series

High Voltage Power You Can Depend On!

- Up to 100kV Output
- 115/220 VAC Input Standard (Available in 85-265 VAC, Power Factor Corrected)
- Rugged and Designed to Last
- Standard 5 ¼” 19” Rack Mount {5.25” H x 19” L} "Half Rack Mount" available
- Front Panel Digital LED Meters & Controls
- Available in Standard Ripple and Ultra Low Ripple
- OEM and Custom Designs available
- Remote Monitoring and Programming Standard HVC Pin-out. (Analog Configurable & RS-232 available)
- Automatic Voltage, Current Crossover (Power Regulation available)
- Self Protection from Arc, Voltage, Current , and Temperature

Standard Power Supplies

Model	Max Power	Voltage	Current	Input VAC
HVCS-1-300	300 watts	1kV	300mA	115/220 VAC
HVCS-2-150	300 watts	2kV	150mA	115/220 VAC
HVCS-3-100	300 watts	3kV	100mA	115/220 VAC
HVCS-5-60	300 watts	5kV	60mA	115/220 VAC
HVCS-10-30	300 watts	10kV	30mA	115/220 VAC
HVCS-15-20	300 watts	15kV	20mA	115/220 VAC
HVCS-20-15	300 watts	20kV	15mA	115/220 VAC
HVCS-30-10	300 watts	30kV	10mA	115/220 VAC
HVCS-50-6	300 watts	50kV	6mA	115/220 VAC
HVCS-70-4	300 watts	70kV	4mA	115/220 VAC
HVCS-100-3	300 watts	100kV	3mA	115/220 VAC

Note: Specify {P or N} for Polarity at the end of the Model Number

High Voltage Concepts, LLC
577 North Main Street. Brewster, NY 10509
Phone: 845-278-8180 Fax: 845-278-8187
www.hvconcepts.com



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Ultra Low Ripple Power Supplies

Model	Max Power	Voltage	Current	Input VAC
HVCLR-1-300	300 watts	1kV	300mA	115/220 VAC
HVCLR-2-150	300 watts	2kV	150mA	115/220 VAC
HVCLR-3-100	300 watts	3kV	100mA	115/220 VAC
HVCLR-5-60	300 watts	5kV	60mA	115/220 VAC
HVCLR-10-30	300 watts	10kV	30mA	115/220 VAC
HVCLR-15-20	300 watts	15kV	20mA	115/220 VAC
HVCLR-20-15	300 watts	20kV	15mA	115/220 VAC

Note: Specify {P or N} for Polarity at the end of the Model Number

Specifications:

Line Regulation: $\pm 0.001\%$ of Full Voltage

Load Regulation: $\pm 0.005\%$ of Full Voltage

Ripple: Standard: 0.04% rms

Ultra Low Ripple: 200mVpp

Operating Temperature: -15°C to 50°C Storage: -40°C to 85°C

Stability: $\pm 0.01\%$ per hour

Note: Specifications are subject to change without notice

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