

600 Watt Series

High Voltage Power You Can Depend on!

- Up to 100kV Output
- 115 or 220 VAC Input Standard (Power Factor Correction Available)
- Rugged and Designed to Last
- Standard 5 ¼ “19” Rack Mount {5.25” H x 19” L}
- Front Panel Digital LED Meters & Controls
- Available in Standard Ripple and Very Low Ripple
- 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-1-600	600 watts	1kV	600mA	115 or 220
HVCS-2-300	600 watts	2kV	300mA	115 or 220
HVCS-3-200	600 watts	3kV	200mA	115 or 220
HVCS-5-120	600 watts	5kV	120mA	115 or 220
HVCS-10-60	600 watts	10kV	60mA	115 or 220
HVCS-15-40	600 watts	15kV	40mA	115 or 220
HVCS-20-30	600 watts	20kV	30mA	115 or 220
HVCS-30-20	600 watts	30kV	20mA	115 or 220
HVCS-50-12	600 watts	50kV	12mA	115 or 220
HVCS-70-8.3	600 watts	70kV	8.3mA	115 or 220
HVCS-100-6	600 watts	100kV	6mA	115 or 220

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

Specifications:

Line Regulation: +/- 0.001% of Full Voltage

Load Regulation: +/- 0.005% of Full Voltage

Ripple: Standard (0.04% rms)

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

Stability: +/- 0.01% per hour

Note: Specifications are subject to change without notice

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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Low Ripple Power Supplies

Model	Max Power	Voltage	Current	Input VAC
HVCS-1-600	600 watts	1kV	600mA	115 or 220
HVCS-2-300	600 watts	2kV	300mA	115 or 220
HVCS-3-200	600 watts	3kV	200mA	115 or 220
HVCS-5-120	600 watts	5kV	120mA	115 or 220
HVCS-10-60	600 watts	10kV	60mA	115 or 220
HVCS-15-40	600 watts	15kV	40mA	115 or 220
HVCS-20-30	600 watts	20kV	30mA	115 or 220

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

Specifications:

Line Regulation: +/- 0.001% of Full Voltage

Load Regulation: +/- 0.005% of Full Voltage

Low Ripple: 200mVpp

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

Stability: +/- 0.01% per hour

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