



# DCH3320 Series

## Regulated/Remote Adjustable 0-10kV DC-DC HV Power Supply

### DESCRIPTION

High Voltage Power Solutions (HVPSI) new DCH3320 Series adjustable DC-DC power supply is designed for demanding laboratory and OEM applications. The DCH3320 features 0-10kV output voltage adjustment, 1000:1 voltage sense, and 1V/mA current sense. The unit is capable 20 watts output power. All High Voltage components are fully encapsulated in epoxy resin for protection against humidity and environment.



### FEATURES

- 24 VDC Input
- Output 0-10kV Adjustable
- Remote Adjust 0-5V (5V Reference provided)
- Output Current 0-2mA
- 20 Watts Output
- >70% Efficiency
- Current Sense Output.
- Foldback Current Limiting
- 1000:1 Voltage Sense Output
- Short-Circuit Protected
- Base-plate Mounting
- Resonant Switchmode Topology
- Aluminum Enclosure
- Low Ripple

### APPLICATIONS

- Photomultipliers
- Ionizers
- CRT Grid Circuits
- Biasing
- Dielectric Testing
- Piezoelectric Drivers
- Electrostatic Chucks
- Sealing Applications
- Ink Jet Printers
- Photo Detectors

### MECHANICAL

- Dimensions 5.0" x 3.0" x 2.0"
- Molex 03-06-2062 Connector
- Weight: 18.0 Ounces
- Operating Temperature Range: -40°C to +70°C

MODEL	OUTPUT POLARITY	VOLTAGE RANGE	OUTPUT CURRENT
DCH3320P1	Positive	0-10kV	2mA
DCH3320N1	Negative	0-10kV	2mA

