



### **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

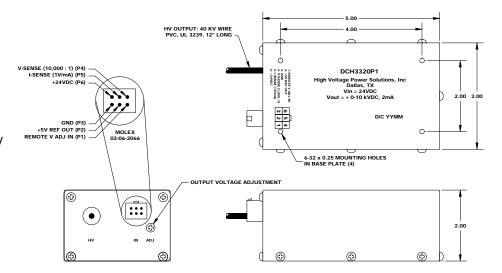
# DCH3320 Series

# 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.

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



## **GENERAL INFORMATION**

Custom requirements are welcome. Modifications to existing products and completely new designs are a standard part of our business. Our extensive design inventory and the use of our CAD/CAM design and manufacture allows for prompt and cost competitive quotations as well as reliable prototyping capabilities. Please feel free to contact us to discuss your custom requirements.