



HIGH VOLTAGE POWER SUPPLIES

FEATURES

- Compact Size
- Cost Effective
- Reliable Solid State Design
- Maintenance Free
- Totally Encapsulated
- Automatic Over Current Shutdown and Recovery
- UL Recognized Versions available
- · RoHS versions available
- Formerly CS2132 Series

TYPICAL APPLICATIONS

- Ionizers
- Table Top Air Cleaners
- Laser Start-up Circuits
- EOS / ESD Anti Static Equipment

DESCRIPTION

The 2132 series of unregulated solid state power supplies is designed for ionizers, table top air cleaners, laser (startup) circuits, EOS / ESD antistatic equipment and other equipment requiring reliable, compact, economical, high voltage power supplies. The 2132 series is available with either a positive or a negative output.

There are two basic designs: 8 kVDC or 12 kVDC output. Other output voltages are available. .

OPTIONS

- Input ground wire
- Control wires (requires a 2 watt, potentiometer, not supplied)
- "Power-On" indicating light
- Input to output isolation

Custom voltages and housings are also available. Consult factory for additional information.

NOTICE: This power supply should never be mounted directly to a metal surface.



TYPICAL ELECTRICAL SPECIFICATIONS

Input Voltage:

120 VAC (± 10%), 50/60 Hz

- Output Voltage: 8 or 12 kVDC
- Output Current: 1-5 μA typical
- Output Regulation:

Unregulated, see Typical V-I Curve

Load:

Operates into any load condition, capacitive, resistive, inductive, or no load.

Can withstand arcing and short circuits.

TYPICAL MECHANICAL SPECIFICATIONS

Encapsulant:

Filled Epoxy (UL94V-0 Rated)

Mounting:

Cable-ties, glue, epoxy, RTV, or silicon. If glued, recommend glue be applied to two surfaces.

Primary Wires:

22 AWG PVC, 600 V, UL Style 1015, 105°C, 2 wire or 3 wire available

High Voltage Wires:

22 AWG, 15 KVDC, UL Style 3239, 105°C

· Temperature Rating:

Operating 0° to +60°C Storage -40° to +85°C



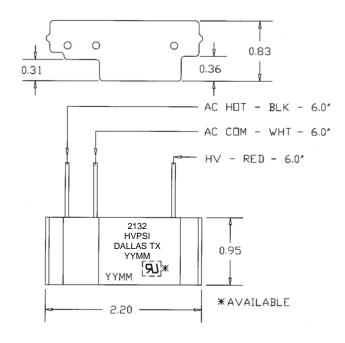
2132 Series

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Model	Input Voltage	Input Frequency	Output Voltage ⁽¹⁾
ACN2132L8	120 VAC	50/60 Hz	8 kVDC neg
ACP2132L8	120 VAC	50/60 Hz	8 kVDC pos
ACN2132L12	120 VAC	50/60 Hz	12 kVDC neg
ACP2132L12	120 VAC	50/60 Hz	12 kVDC pos

Formerly CS2132 Series

(1) Output voltages shown above are minimum DC @ 1 μA



2132 SERIES TYPICAL V-I OUTPUT CURVE

